

June 28, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 10-22-9-15, 11-22-9-15, 6-23-9-15, 8-23-9-15, 11-23-9-15, 12-23-9-15, and 15-23-9-15.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mç

enclosures

RECEIVED
JUL 0 1 2005

DIV. OF OIL, GAS & MINING

| Form 3160-3 (September 2001) | | | FORM APPROV OMB No. 1004-0 | 136 | | | |
|---|---------------------------------------|---------------|--|---------------------|--|--|--|
| UNITED STATES | | | Expires January 31, | 2004 | | | |
| DEPARTMENT OF THE IN | | | 5. Lease Serial No. | | | | |
| BUREAU OF LAND MANAC | | UTU-66185 | | | | | |
| APPLICATION FOR PERMIT TO DE | ILL OR REENTER | | 6. If Indian, Allottee or Trib | e Name | | | |
| | | PINE. | N/A | no. | | | |
| la. Type of Work: 🔟 DRILL 🔲 REENTER | • | | 7. If Unit or CA Agreement, | Name and No. | | | |
| | | | Ashley | | | | |
| lb. Type of Well: 🖾 Oil Well 🚨 Gas Well 🚨 Other | Single Zone 🔲 Multi | nla Zona | 8. Lease Name and Well No. | | | | |
| 2. Name of Operator | - Single Zone - Multi | pic 2010 | Ashley Federal 11-23-9- | 15 | | | |
| Newfield Production Company | | | 9. API Well No. 43-01. | 3-3282 | | | |
| 3a. Address | 3b. Phone No. (include area code) | | 10. Field and Pool, or Explora | tory | | | |
| Route #3 Box 3630, Myton UT 84052 | (435) 646-3721 | | Monument Butte | | | | |
| 4. Location of Well (Report location clearly and in accordance with a | any State requirements.*) | | 11. Sec., T., R., M., or Blk. an | d Survey or Area | | | |
| At surface NE/SW 1981' FSL 1911' FWL 568/65 | × 40.014597 | | <u>.</u> | | | | |
| At proposed prod. zone | 734 -110.20129 | 16 | NE/SW Sec. 23, T9S | R15E | | | |
| 14. Distance in miles and direction from nearest town or post office* | | | 12. County or Parish | 13. State | | | |
| Approximatley 15.9 miles southwest of Myton, Utah | | | Duchesne | UT | | | |
| 15. Distance from proposed* location to nearest property or lease line, ft. | 16. No. of Acres in lease | 17. Spacin | cing Unit dedicated to this well | | | | |
| (Also to nearest drig. unit line, if any) Approx. 591' f/lse, 7191' f/unit | 2,286.43 | - | 40 Acres | | | | |
| 18. Distance from proposed location* | 19. Proposed Depth | 20. BLM/I | /BIA Bond No. on file | | | | |
| to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1276' | 5040 | | 11700-0 | | | | |
| , , , , , , , , , , , , , , , , , , , | 5910' | ł | UT0056 | | | | |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) | 22. Approximate date work will sta | rt* | 23. Estimated duration | | | | |
| 6349' GL | 4th Quarter 2005 | | Approximately seven (7) days from spud to rig release. | | | | |
| | 24. Attachments | | , | | | | |
| The following, completed in accordance with the requirements of Onshor | e Oil and Gas Order No.1, shall be at | ached to this | form: | | | | |
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the | ne operation | ns unless covered by an existing | hand on file took | | | |
| 2. A Drilling Plan. | Item 20 above). | орогишог | is unless covered by an existing | , bolid on the (see | | | |
| 3. A Surface Use Plan (if the location is on National Forest System.) | Lands, the 5. Operator certific | | | | | | |
| SUPO shall be filed with the appropriate Forest Service Office). | authorized office | | ormation and/or plans as may b | e required by the | | | |
| 25. Signature | | | | 7100 34 | | | |
| Mondalressies | Name (Printed/Typed) Mandie Crozier | | Date | 128/05 | | | |
| Title Regulatory Specialist | | | | | | | |
| Approved by (Signature) | Name (Printed/Typed) | | Date | **** | | | |
| Led Latel V | BRADLEY G HI | 11 | (U) | -11-05 | | | |
| Title | ENVIRONMENTAL SCIENT | TIST III | · · · · · · · · · · · · · · · · · · · | (1) | | | |

Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

*(Instructions on reverse)

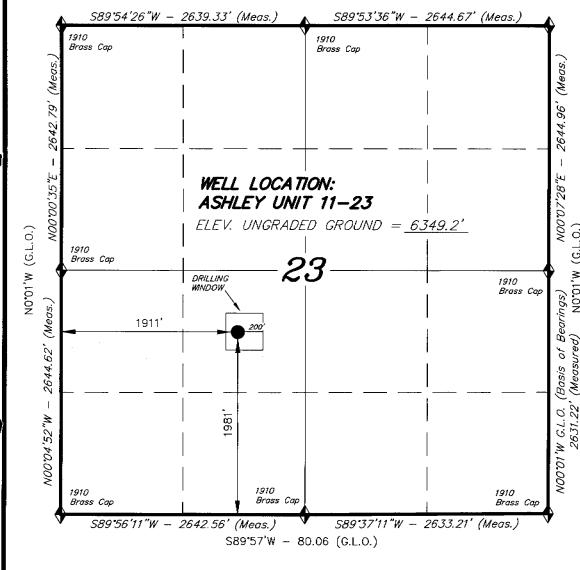
operations thereon.

JUL 0 1 2005

T9S, R15E, S.L.B.&M.

S89'59'W - 80.14 (G.L.O.)

Corner missing. (Reestablished Proportionately)



lack

= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 11-23, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 23, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE AND WAS PREPARED FROM FIELD NOOES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORPECT TO THE BEST OF MY KNOWLEDGE AND BERIEF, NO.189377

REGISTERED BAND STORY REGISTRATION DOWNS935 STATE OF UTAHE

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

 SCALE:
 1" = 1000'
 SURVEYED BY: D.P.

 DATE:
 6-14-05
 DRAWN BY: F.T.M.

 NOTES:
 FILE #

NEWFIELD PRODUCTION COMPANY ASHLEY FEDERAL #11-23-9-15 NE/SW SECTION 23, T9S, R15E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta 0' - 2510' Green River 2510' Wasatch 5910'

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation 2510' - 5910' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:</u>

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY ASHLEY FEDERAL #11-23-9-15 NE/SW SECTION 23, T9S, R15E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #11-23-9-15 located in the NE 1/4 SW 1/4 Section 23, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 12.4 miles \pm to it's junction with the beginning of the proposed access road to the east; proceed along the proposed access road $880' \pm$ to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

All permanent surfaces equipment will be painted Olive Black.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. <u>SOURCE OF CONSTRUCTION MATERIALS</u>

Please refer to the Monument Butte Field SOP.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #03-59, 9/15/03. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

For the Ashley Federal #11-23-9-15 Newfield Production Company requests 880' of disturbed area be granted to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 880' of disturbed area be granted to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 880' of disturbed area be granted to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between February 1 and July 15. If the nest remains inactive on July 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between July 15 and February 1 of the following year. If the nest site becomes active prior to July

15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner will be required at the operators own discretion. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Black SageArtemisia Nova1 lb/acreShadscaleAtriplex confertifolia6 lbs/acreBeardless Bluebunch WheatgrassAgropyron Spicatum Var. Inerme5 lbs/acr

Details of the On-Site Inspection

The proposed Ashley Federal #11-23-9-15 was on-sited on 4/12/05. The following were present; Shon Mckinnon (Newfeild Production), Brad Mecham (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #11-23-9-15 NE/SW Section 23, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

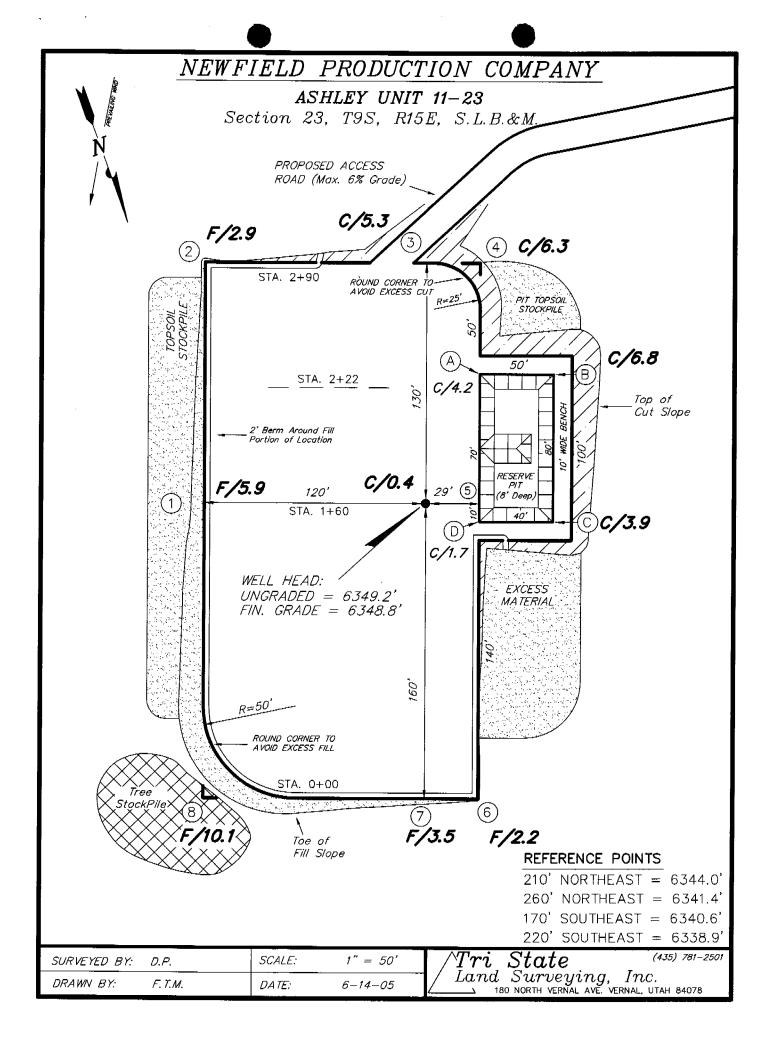
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filling of a false statement.

Date

Mandie Crozier

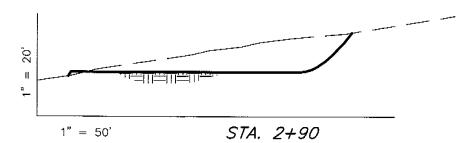
Regulatory Specialist

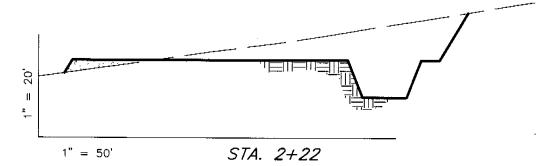
Newfield Production Company

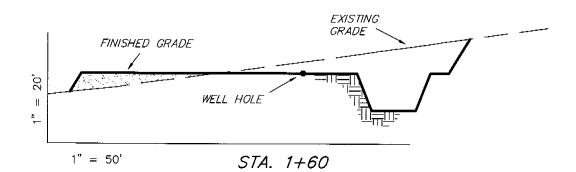


NEWFIELD PRODUCTION COMPANY CROSS SECTIONS

ASHLEY UNIT 11-23









STA. 0+00

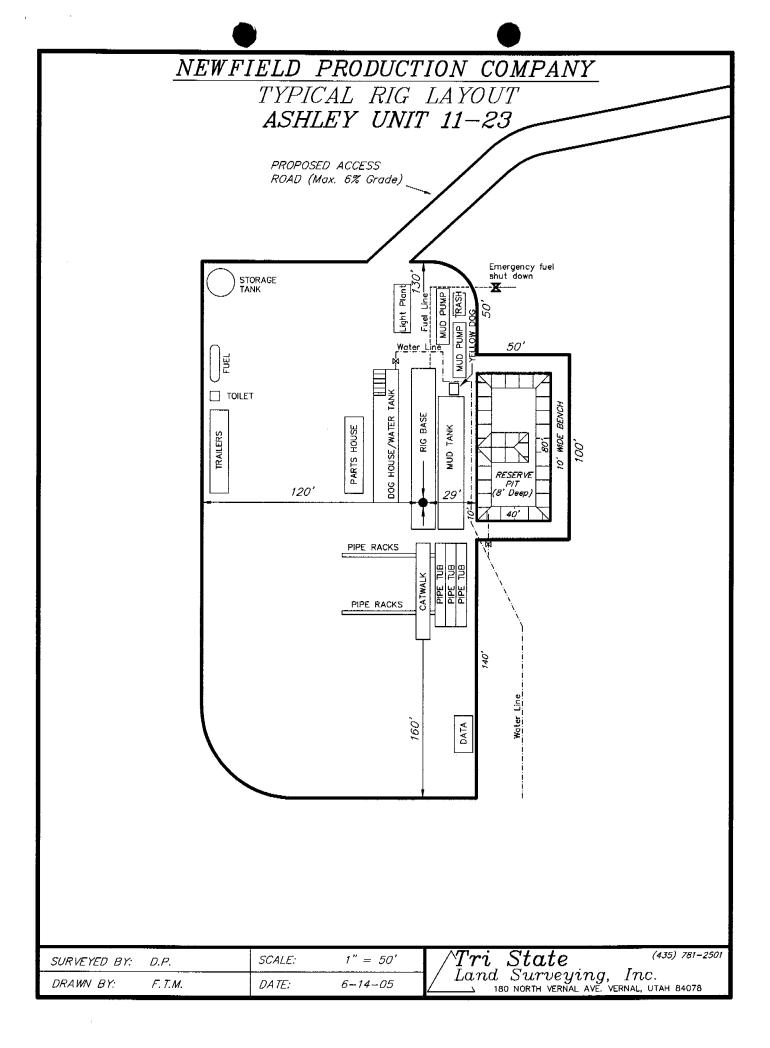
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

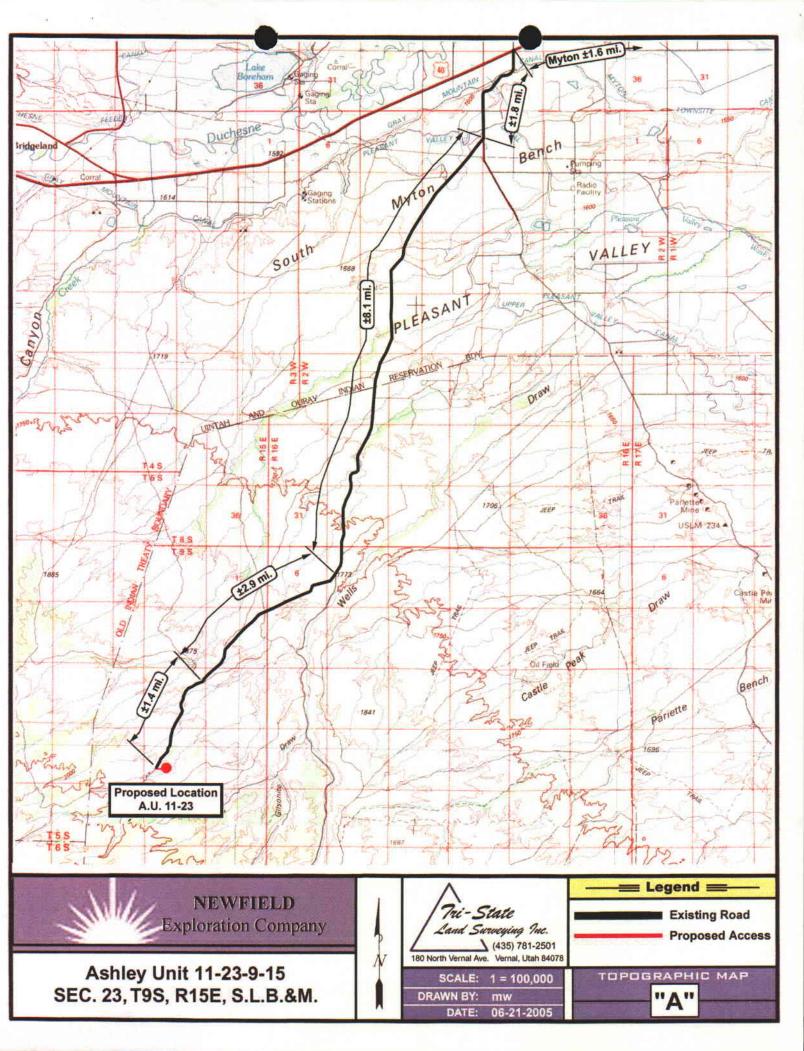
| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
|--------|-------|-------|-------------------------|--------|
| PAD | 3,140 | 3,140 | Topsoil is not included | 0 |
| PIT | 640 | 0 | in Pad Cut | 640 |
| TOTALS | 3,780 | 3,140 | 1,020 | 640 |

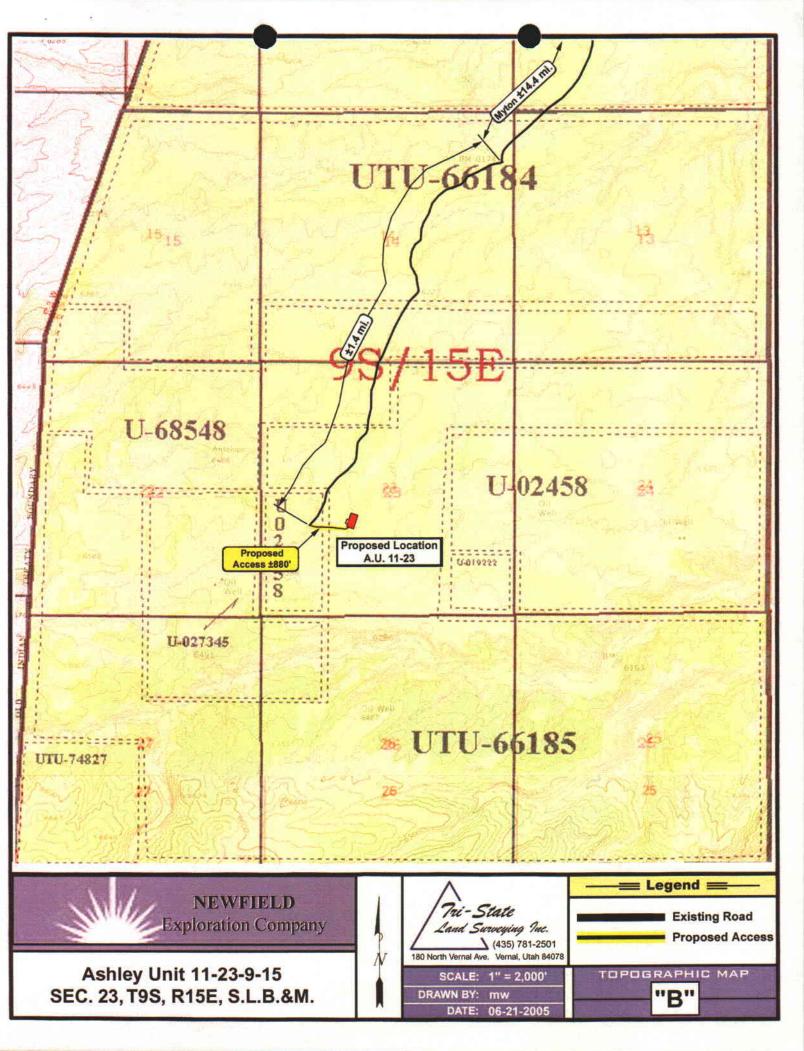
UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

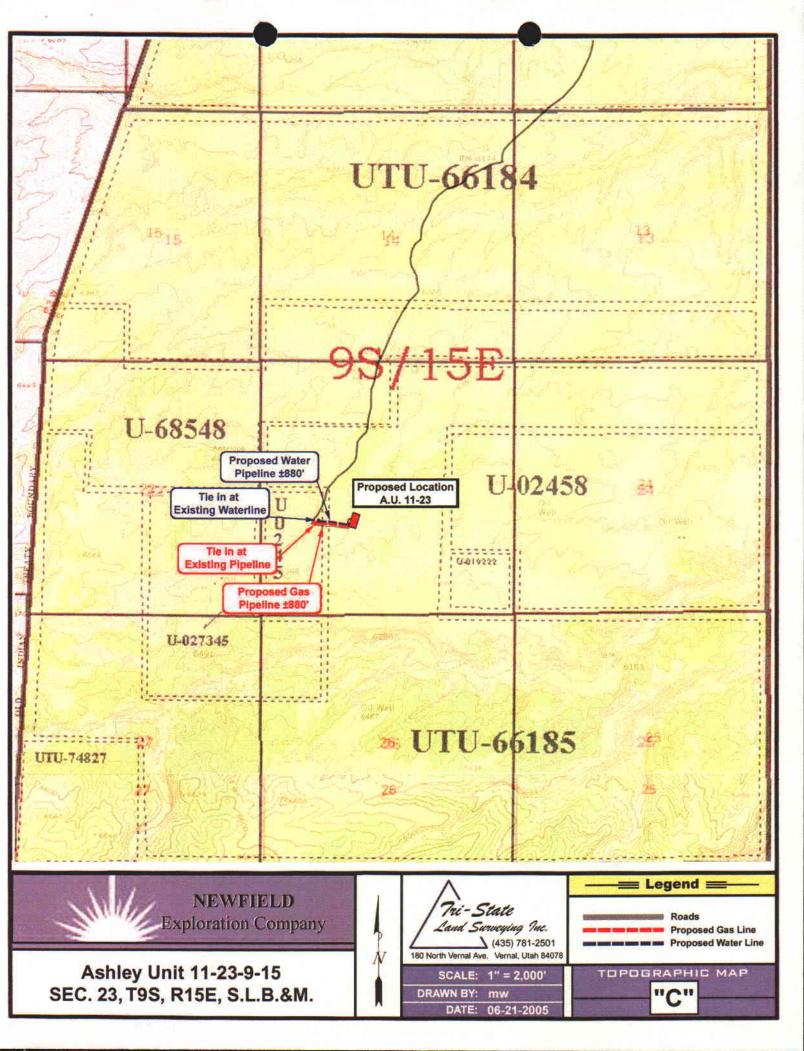
| SURVEYED BY: | D.P. | SCALE: | 1" = 50' |
|--------------|---------|--------|----------|
| DRAWN BY: | F. T.M. | DATE: | 6-14-05 |

 $Tri~State~^{(435)~781-1}$ Land~Surveying,~Inc. $__$ 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501



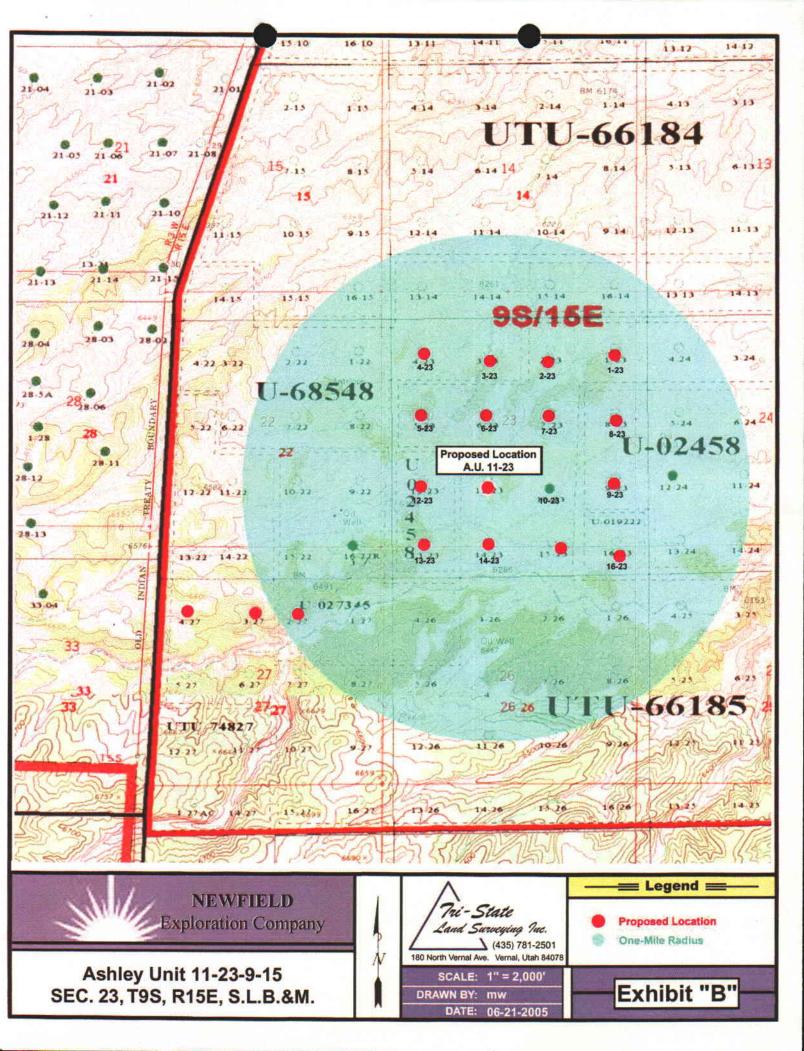






| 10S- | | 2 | | -5 | | T10S-R | 16E | 2 | | - A. M | 6 | | 3 | <u> </u> | 34. | M | 5 | 8 | | Exhib Ducheme & Uin | 0.00 | |
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| | 10 | 11 | 12 | , | | | 1 | , | | 12 | 7 | • | 9 | 10 | 11 | 12 | , | 8 | | Newfield Location | n | |

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2-M SYSTEM

Blowout Prevention Equipment Systems

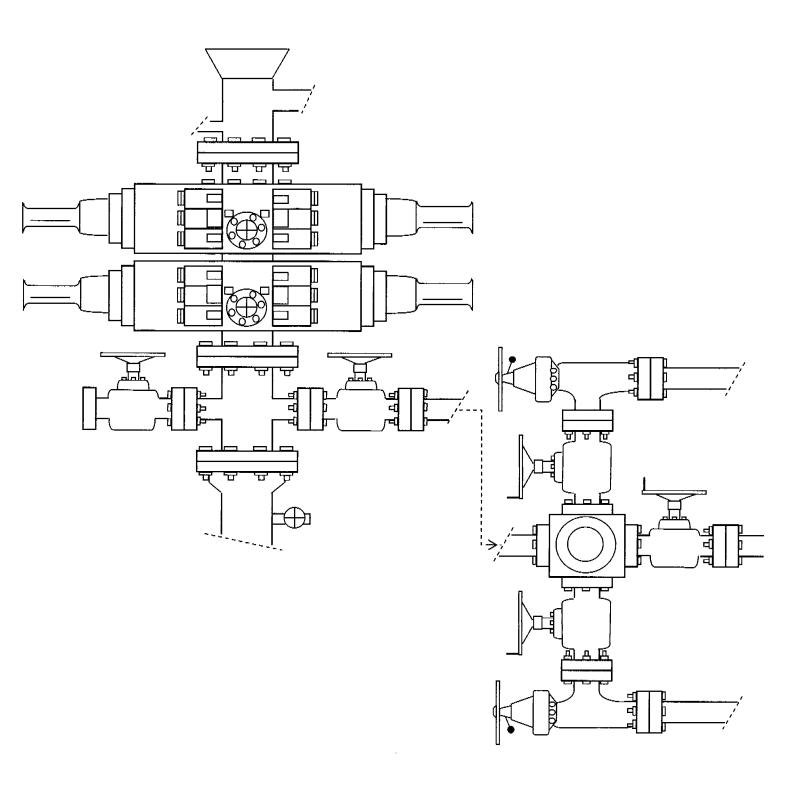


EXHIBIT C

● Exhibit"D"

Page 1 & 4

CULTURAL RESOURCE INVENTORY OF INLAND RESOURCES' 1573 ACRE ASHLEY UNIT, IN TOWNSHIP 9S, RANGE 15E, SECTIONS 22, 23 AND 24, DUCHESNE COUNTY, UTAH

By:

Christopher M Nicholson and Keith R. Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office Vernal, Utah

Prepared Under Contract With:

Inland Resources Route 3, Box 3630 Myton, UT 84052

Prepared By:

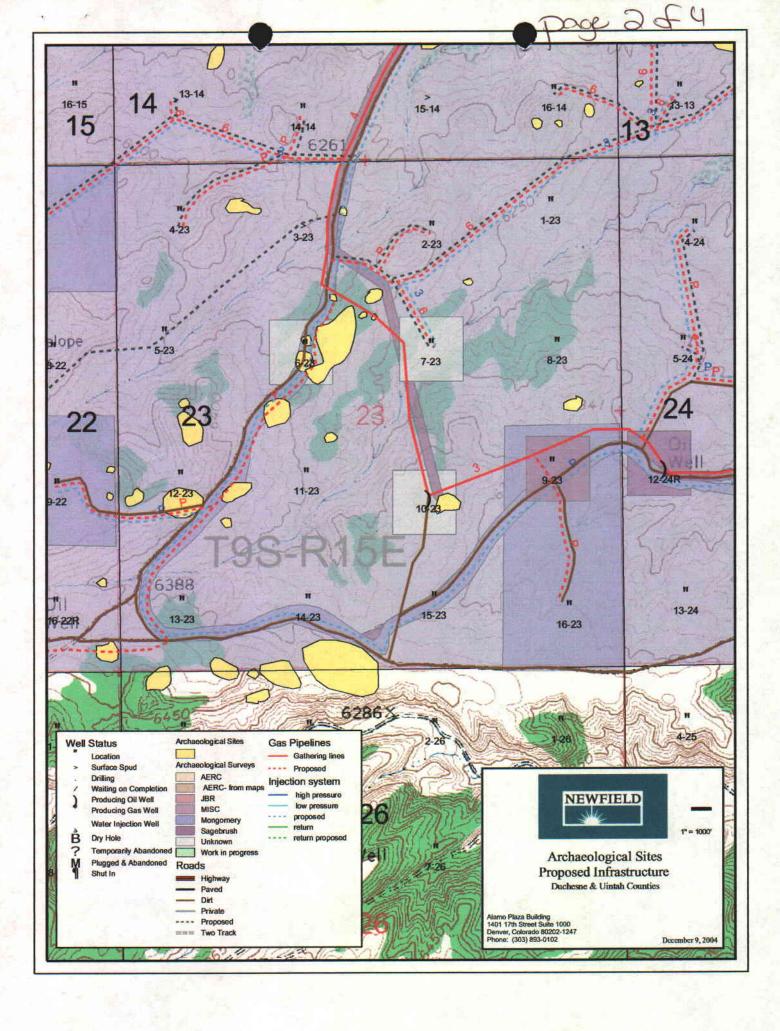
Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 03-59

September 15, 2003

United States Department of Interior (FLPMA) Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-03-MQ-0392b



Page 3 of 4

INLAND RESOURCES, INC.

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

(South half Section 13, south half Section 14, south half Section 15, entire Sections 22, 23, 24, T 9 S, R 15 E; Section 5 minus SW & SE 1/4, SE 1/4, and existing well site at NW 1/4, NE 1/4, T 9 S, R 18 E)

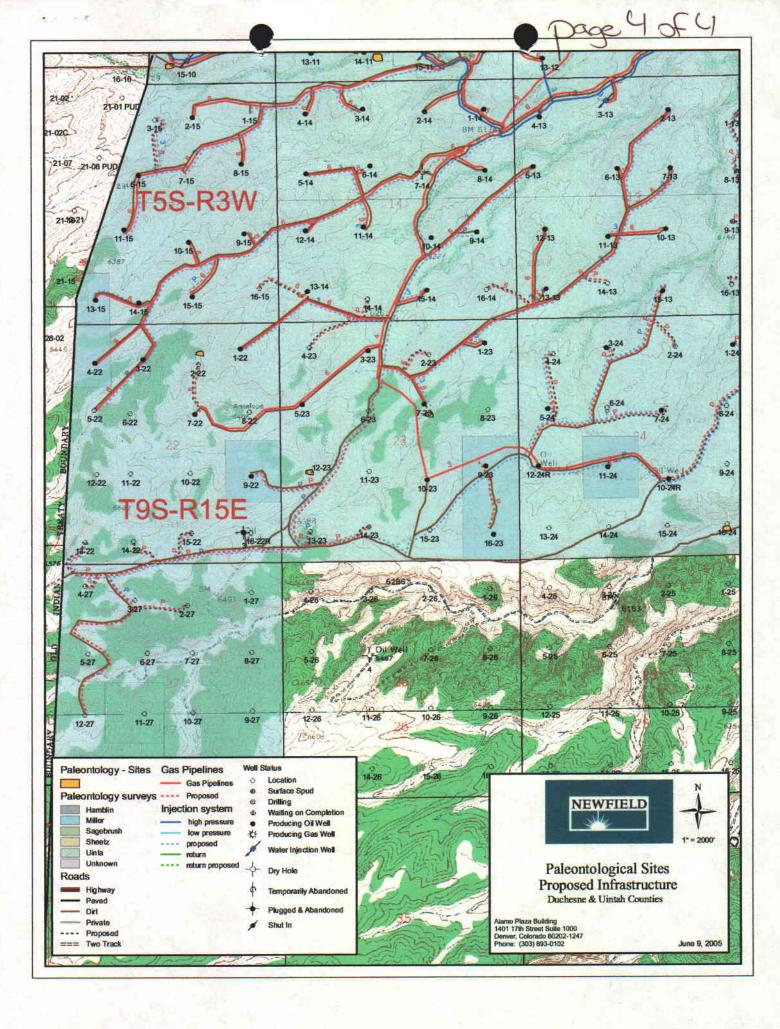
REPORT OF SURVEY

Prepared for:

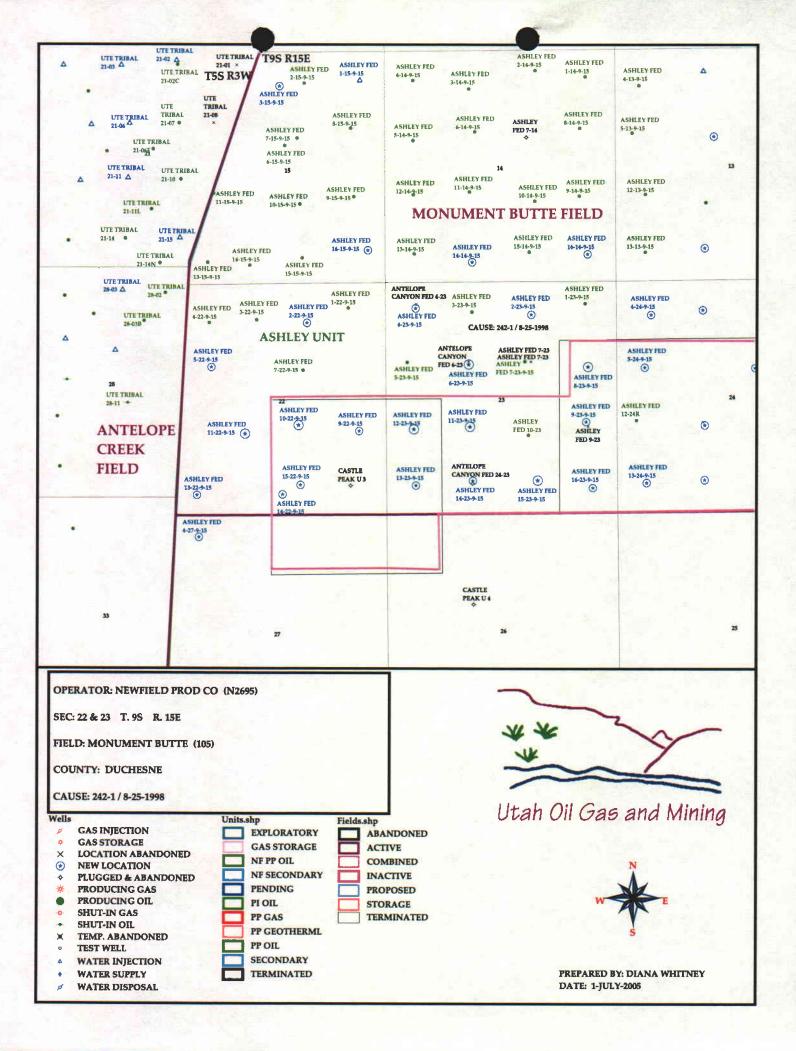
Inland Resources, Inc.

Prepared by:

Wade E. Miller Consulting Paleontologist June 7, 2003



| APD RECEIVE | D: 07/01/2005 | API NO. ASSIGNED: 43-013-32829 | | | | | | |
|---|---|--|--|----------------|--|--|--|--|
| BOTTOM: DUCHESNE MONUMENT LEASE TYPE: LEASE NUMBE SURFACE OWN PROPOSED FO | 23 090S 150E 1981 FSL 1911 FWL 1981 FSL 1911 FWL BUTTE (105) | | | Date | | | | |
| Plat Bond: (No. Potas Oil S: Water (No. RDCC (Dat | D/OR REVIEWED: Fed[1] Ind[] Sta[] Fee[] UT0056 | Siting: 460 F R649-3-3. Drilling United Board Cause Eff Date: | General From Qtr/Qtr & 920' Exception it e No: 242- 8-25-19 Spuncts on an | 148 (Siting | | | | |
| COMMENTS: | | princ) | | | | | | |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

July 7, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Ashley Unit,

Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Green River)

```
43-013-32825 Ashley Fed 10-22-9-15 Sec 22 T09S R15E 2035 FSL 2023 FEL
43-013-32826 Ashley Fed 11-22-9-15 Sec 22 T09S R15E 1880 FSL 1582 FWL
43-013-32827 Ashley Fed 6-23-9-15 Sec 23 T09S R15E 1878 FNL 1888 FWL
43-013-32828 Ashley Fed 8-23-9-15 Sec 23 T09S R15E 1970 FNL 0665 FEL
43-013-32829 Ashley Fed 11-23-9-15 Sec 23 T09S R15E 1981 FSL 1911 FWL
43-013-32830 Ashley Fed 12-23-9-15 Sec 23 T09S R15E 1950 FSL 0623 FWL
43-013-32831 Ashley Fed 15-23-9-15 Sec 23 T09S R15E 0743 FSL 1837 FEL
```

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Ashley Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:7-7-05



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

July 11, 2005

Newfield Production Company Rt. #3, Box 3630 Myton, Ut 84052

Re: Ashley Federal 11-23-9-15 Well, 1981' FSL, 1911' FWL, NE SW, Sec. 23, T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32829.

Sincerely,

Gil Hunt

Acting Associate Director

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

| Operator: | Newfield Production Company | | | | | | | |
|------------------------|-----------------------------|--------------------|------------|--|--|--|--|--|
| Well Name & Number | Ashley | Federal 11-23-9-15 | | | | | | |
| API Number: | 43-013- | 32829 | | | | | | |
| Lease: | UTU-60 | UTU-66185 | | | | | | |
| Location: <u>NE SW</u> | Sec. 23 | T. 9 South | R. 15 East | | | | | |

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

1 2005

Form 3160-3 (September 2001)

| Form 3160-3 (September 2001) | | ·· | | FORM AI OMB No. Expires Janu | | 6 |
|---|---------------------|--------------------------------------|------------------------|------------------------------------|---------------|----------------|
| UNITED STATES DEPARTMENT OF THE IN | TERIOR | | | 5. Lease Serial No. | | |
| BUREAU OF LAND MANAC | EMENT | | | UTU-6618 | 35 | |
| APPLICATION FOR PERMIT TO DR | ILL OR REEN | ITER | | 6. If Indian, Allottee | or Tribe | Name |
| | | | | N/A | | |
| la. Type of Work: DRILL REENTER | | | | 7. If Unit or CA Agree | ement, Na | ame and No. |
| | | | | Ashley 8. Lease Name and W | all No | |
| 1b. Type of Well: Oil Well Gas Well Other | ĭ Single | Zone 🖵 Mult | iple Zone | Ashley Federal 11 | | 5 |
| 2. Name of Operator Newfield Production Company | | | | 9. API Well No. | 328 | X9 |
| | 3b. Phone No. (inc | | | 10. Field and Pool, or E | xplorator | у |
| Route #3 Box 3630, Myton UT 84052 | (435) 64 | 6-3721 | | Monument But | te | |
| 4. Location of Well (Report location clearly and in accordance with a | iny State requireme | nts.*) | | 11. Sec., T., R., M., or I | 3lk. and S | Survey or Area |
| At surface NE/SW 1981' FSL 1911' FWL | | | | | | |
| At proposed prod. zone | | | | NE/SW Sec. 23 | 3, T9S R | 15E |
| 14. Distance in miles and direction from nearest town or post office* | | | | 12. County or Parish | | 13. State |
| Approximatley 15.9 miles southwest of Myton, Utah | | | | Duchesne | | UT |
| 15. Distance from proposed* location to nearest property or lease line, ft. | 16. No. of Acres | in lease | 17. Spacin | ng Unit dedicated to this w | ell | |
| (Also to nearest drig. unit line, if any) Approx. 591' f/lse, 7191' f/unit | 2,286.43 | | | 40 Acres | | |
| 18. Distance from proposed location* | 19. Proposed Dep | oth | 20. BLM/ | BIA Bond No. on file | | |
| to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1276' | 5910' | | | WTOOSE UTBO | 0019 | 72 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) | 22. Approximate | date work will st | art* | 23. Estimated duration | | |
| 6349' GL | 4th Quarter | 2005 | | Approximately seven (7) days fr | nn spud to ri | g release. |
| | 24. Attachme | ≑nts | | | | |
| The following, completed in accordance with the requirements of Onshor | e Oil and Gas Order | No.1, shall be at | ttached to this | s form: | | |
| 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System 1 SUPO shall be filed with the appropriate Forest Service Office). | ands the 5. | Item 20 above). Operator certific | cation. | ns unless covered by an e | | |
| 5. Signature | Name (Prin | ted/Typed) | | · ¦I | Date | |
| 1 completely en | ¦ Mandie | Crozier | | i | (0/ | DB/05 |
| Title Regulatory Specialist | | | | , | | |
| ppro (Signature) | Name (Prin | ted/Typed) | TOTAL CO. MINISTER CO. | | Date / | 10-01 |

Т

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 124 it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY NOTICE OF APPROVAL RECEIVED

MAY 1 1 2006

DIV. OF OIL, GAS & MINING





UNITED TATES DEPARTMENT OF THE BERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: NESW, Sec 23, T9S, R15E

Well No: Ashley Federal 11-23-9-15 Lease No: UTU-66185 API No: 43-013-32829 Agreement: Ashley Unit

170 South 500 East

Petroleum Engineer: Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Petroleum Engineer: Michael Lee Office: 435-781-4432 Cell: 435-828-7875 Petroleum Engineer: Roger Hall Office: 435-781-4470 Supervisory Petroleum Technician: Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 **Environmental Scientist:** Paul Buhler Office: 435-781-4475 Cell: 435-828-4029 **Environmental Scientist:** Karl Wright Office: 435-781-4484 Holly Villa Natural Resource Specialist: Office: 435-781-4404 Natural Resource Specialist: Melissa Hawk Office: 435-781-4476 Natural Resource Specialist: Nathaniel West Office: 435-781-4447 Natural Resource Specialist: Chris Carusona Office: 435-781-4441 Natural Resource Specialist: Scott Ackerman Office: 435-781-4437 After Hours Contact Number: 435-781-4513 Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

| Location Construction | - | Forty-Eight (48) hours prior to construction of location and access roads. |
|-------------------------|---|--|
| (Notify Scott Ackerman) | | · · |

Location Completion - Prior to mo (Notify Scott Ackerman)

Prior to moving on the drilling rig.

Spud Notice - Twenty-Four (24) hours prior to spudding the well. (Notify Petroleum Engineer)

Casing String & Cementing
(Notify Jamie Sparger)

- Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests - Twenty-Four (24) hours prior to initiating pressure tests. (Notify Jamie Sparger)

First Production Notice
(Notify Petroleum Engineer)

- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 8 Well: Ashley Federal 11-23-9-15

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- 1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- 2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
- 3. The proposed buried pipelines will be laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
- 4. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- 5. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- 6. The reserve pit will be lined with a 16 ml or greater liner.
- 7. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- 8. The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation.

 Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- 9. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- 10. Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be "squeezed," (filled with soil while still containing fluids) or

COAs: Page 3 of 8

Well: Ashley Federal 11-23-9-15

"cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).

11. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION

- 1. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
- 2. If golden eagle nesting activity is found within 0.5 miles of the work site, initial construction will not commence between March 1 and July 15.
- 3. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
- 4. Notify the Authorized Officer two (2) weeks prior to surface disturbance so biologists can verify golden eagle activity.
- 5. All well facilities not OSHA regulated will be painted Olive Black.
- 6. Trees which must be removed from the location must be piled separately off location and saved for final reclamation purposes.
- 7. Interim Reclamation (see below):
 - a. The first 4-6 inches of topsoil from the construction site will be stripped and piled separately from other excavated material.
 - b. Where areas will be set aside on an interim basis (areas due to receive further disturbance prior to final reclamation) these sites will be re-contoured as much as possible, have needed top soil re-spread and planted with the seed mix below:

Galleta grass

Hilaria jamesil

15 lbs/acre

Western wheatgrass Pascopyrum smithii

um smithii 6 lbs/acre

Per Live Seed Total

21 lbs/acre

- c. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- d. The seed mix listed in the APD (black sage, shadscale, bluebunch wheatgrass) shall be used to seed all unused portions of the pad no longer needed for ongoing or future operation. Re-seeding may be required if the first seeding is not successful.
- e. All seed mixtures shall be weed free.

COAs: Page 4 of 8 Well: Ashley Federal 11-23-9-15

f. The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed seed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydro seeding and mulching can also be used, but seeding rates will need to be doubled.

COAs: Page 5 of 8 Well: Ashley Federal 11-23-9-15

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- 5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30

COAs: Page 6 of 8 Well: Ashley Federal 11-23-9-15

days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

COAs: Page 7 of 8 Well: Ashley Federal 11-23-9-15

- 10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

COAs: Page 8 of 8 Well: Ashley Federal 11-23-9-15

- 15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

| Name of Company: | NEWFI | ELD PRODI | UCTION | COMPANY | | |
|-------------------------|------------------|----------------|--------|----------|---|--|
| Well Name: | ASHLE | Y FED 11-23 | 3-9-15 | | | |
| Api No: 43-013-32 | 829 Le | ease Type: | FEDE | DERAL | | |
| Section 23 Township | 09S Range | 15E Cou | unty | DUCHESNE | _ | |
| Drilling Contractor | NDSI | <u> </u> | RIG # | NS#1 | | |
| SPUDDED: | | | | | | |
| Date | 06/08/06 | _ | | | | |
| Time | 4:30 PM | | | | | |
| How | DRY | | | | | |
| Drilling will Commer | nce: | | | | | |
| Reported by | DON BASTI | AN | | | | |
| Telephone # | (435) 823-60 |)12 | | | | |
| Date <u>06</u> /09/2006 | Signed | CHD | | | | |

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3630

OPERATOR ACCT, NO.

N2695

MYTON, UT 84052

| ACTION | CURRENT | MENT | API NUMBER | WELLNAME | | | 74.00 | OCABON | | Out of the | T |
|----------------|-----------------------|---|--------------------------|---------------------------|-------------|----------|---|------------|--------------|--------------------|----------------|
| CODE | ENTITY NO. | EMBTY NO. | ĺ | | QQ | 8C | 1P | RG | COUNTY | SPUD | EFFECTIVE |
| Α | 99999 | 15436 | 43-013-3282 9 | ASHLEY FEDERAL 11-23-9-15 | NE/SW | 23 | 98 | 15E | DUCHESNE | 06/08/06 | 6/15/06 |
| | CHIMENTS: C | RRU | | | | | | 4 <u> </u> | | | - K |
| ACTION | CURRENT ENTITY NO. | HEYY ENTRY NO. | API NUMBER | WELLHAME | | | ELL LOCATI | | | SPU0 | EFFECTME |
| A | 9999 | 15437 | 43-013-32877 | ASHLEY FEDERAL 11-27-9-15 | NE/SW | sc 22 | 9S | 15E | DUCHESNE | 6/12/06 | 6/15/06 |
| | GA | PRV | | | | | | | , 2001125112 | W 1200 | - K |
| ACTION | CURULENT | XEW | API NCMBER | WELL NAME | | | WELL I | DCATION | | SPUD | EFFECTIVE |
| CODE | ENTITY HO. | AMINY NO. | | | QQ | 3C | # T | RG | CCUNTY | DATE | EFFECTIVE |
| | | | | | | | | | | DATE | |
| ACRON | CURRENT | NEW | API MUMBER | | | 7. | | | | | |
| CODE | ENTITY NO. | ENTRY NO. | re the moch | WELL HAME | J | | WELLL | | | SPVD | EFFECTIVE |
| | | BANK NO. | | | 90 | 9C | 77 | RG | COUNTY | DARE | CATE |
| | | | | | | • | | | į į | | |
| ACTION | CURRENT | SEW | PAGMUK PA. | | | | | | | | |
| CODE | ENTITY NO. | ENTITY NO. | To The Park | WELL MAINE | | | WELLE | | | SPUO | EFFECTIVE |
| | | | | | 90 | sc | TP | सव | COUNTY | MIE | OATE |
| | DAMAETHES: | | | | <u> </u> | | <u>, , , , , , , , , , , , , , , , , , , </u> | | | - | |
| ACTION CODE | CURRENT ENTITY NO. | MENY Extray No. | API NUMBER | WELL PAUME | | | | CATION | | SFUD | EFFECTIVE |
| | | | | | QO | SC | TP | RG | COURTY | DATE | DATE |
| | OMMERIES. | | | | | | | | | <i>A A</i> | <u> </u> |
| | | ana on back e l form) | | | | | | | 1 | / // / | |
| | | jad saggā jākotīb cir ira pir auch maji fagi õjie me | | | | | | | Jana ! | 1 l. Salu | l ana Alabakac |

NOTE: Use COMMENT section to explain why each Action Code was selected.

E. Other (explain in comments section)

 $C\in \mbox{\it Re-assign well from one obtaing cally to such or solving early$

 $0 \leq Re\text{-station well for more existing satisfy to a new mathy$

RECEIVED

JUN 1 4 2006

Production Clerk

June 14,2006

DIV. OF OIL, GAS & MINING

06/14/2006

4356463831

82

FORM 3160-5 (September 2001)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

| FORM APPROVED |
|------------------------|
| OMB No. 1004-013: |
| Expires January 31.200 |

| 5. Lease Serial No. | |
|-----------------------------------|--|
| UTU66185 | |
| If Indian Alberton or Tribe Masse | |

| Do not use this form for proposals to drill or to re-enter an | | | | 01000183 | | |
|--|---|---------------------------------|---------------------|-------------------------|------------------------------------|--|
| abandoned well. Use Form 3160-3 (APD) for such proposals. | | | | | 6. If Indian, Allo | ttee or Tribe Name. |
| 1. Type of Well | tauntesvies emogramme | | | | 7. If Unit or CA/A | Agreement, Name and/or No. |
| | Other | | | | 8. Well Name and | d No. |
| Name of Operator NEWFIELD PRODUCTION CO |)MPANV | | | | ASHLEY FED | ERAL 11-23-9-15 |
| 3a. Address Route 3 Box 3630 | | Phone No. (include | | 1 | 9. API Well No. | |
| Myton, UT 84052 | 1 | .646.3721 | ure coue, | , | 4301332829 | ol, or Exploratory Area |
| | c., T., R., M., or Survey Description) | | | | Monument Butt | te |
| NE/SW Section 23 T9S R1 | .5E | | | | 11. County or Par Duchesne, UT | isn, State |
| 12. CHECK | C APPROPRIATE BOX(ES) TO | O INIDICATE I | VATUE | RE OF NO | | THER DATA |
| TYPE OF SUBMISSION | | | | ACTION | TIOE, OR O | |
| ☐ Notice of Intent | Acidize | Deepen | | | (Start/Resume) | ☐ Water Shut-Off |
| □ Cul | | Fracture Treat New Construction | | Reclamation Recomplete | | Well Integrity |
| X Subsequent Report | Change Plans | Plug & Abandon | | • | e ly Abandon | Spud Notice |
| Final Abandonment Notice | | Plug Back | ä | Water Dis | - | opus rivileo |
| csgn. Set @ 323.48'/ KB C | IS # 1.Spud well @ 4:30 PM. Dr Dn 6/11/2006 cement with 160 s turned 4.5 bbls cement to pit.Wo | ks of class "G" | " hole w w/ 2% (| vith air mis CaCL2 + | st. TIH W/ 8 Jt' I/4# sk Cello- | s 8 5/8" J-55 24 # Flake Mixed @ 15.8 |
| I hereby certify that the foregoing is | true and correct | Title | | | | |
| Name (Printed/ Typed) Troy Zufelt | | Drilling Forem | an | | | |
| Signature | <i>N</i> . | Date | | | | |
| Mehry | Light 1 | 06/13/2006 | | | | |
| in the second second | | | Lysis | | | |
| Approved by | | Title | ; | | Date | e |
| | ed. Approval of this notice does not warrant uitable title to those rights in the subject least uct operations thereon. | or | | | • | |
| Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent | U.S.C. Section 1212, make it a crime for any statements or representations as to any matter | y person knowingly an | d willfully | to make to a | y department or age | ency of the United |

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

| | | | 1 |
|-------|---------------|--------|---|
| 8 5/8 | CASING SET AT | 323.48 | |

| LAST CASIN | NG <u>8 5/8"</u> | set @ | 323.48 | | OPERATOR Newfield Production Col WELL Ashley Federal 11-23-9-1 FIELD/PROSPECT Monument Butte | | ompany | | |
|---|------------------|---------------|----------------|---------------------------------------|--|--------------|----------------|-------------|--------------|
| DATUM | 12' KB | | | | | | -15 | | |
| DATUM TO | CUT OFF C | ASING _ | | ··· | | | | | |
| DATUM TO | BRADENHE | AD FLANGE | <u> </u> | | CONTRACT | OR & RIG# | | NDSI NS # 1 | |
| TD DRILLER | 320' | LOGGI | ER | | | | | | |
| HOLE SIZE | 12 1/4 | ļ | | | | | | | |
| | | | | | | | | | |
| LOG OF CA | SING STRIN | IG: | | | | | | | |
| PIECES | OD | ITEM - | MAKE - DESCI | RIPTION | WT/FT | GRD | THREAD | CONDT | LENGTH |
| | | | | | | | | | |
| ļ | | | | | | | | | |
| | | Shoe | Joint 38.11' | | | | | | |
| | | WHI - 92 cs | g head | | | | 8rd | Α . | 0.95 |
| 8 | 8 5/8" | Maverick ST | &C csg | | 24# | J-55 | 8rd | Α | 311.63 |
| | <u> </u> | | GUIDE | shoe | | | 8rd | Α | 0.9 |
| CASING INV | ENTORY B | AL. | FEET | JTS | TOTAL LEN | GTH OF ST | RING | _ | 313.48 |
| TOTAL LEN | GTH OF STE | RING | 313.48 | 8 | LESS CUT | OFF PIECE | | _ | 2 |
| LESS NON | CSG. ITEMS | | 1.85 | | PLUS DATU | IM TO T/CU | TOFF CSG | | 12 |
| PLUS FULL | JTS. LEFT (| DUT | 0 | | CASING SE | T DEPTH | | | 323.48 |
| | TOTAL | | 311.63 | 8 | <u> </u> | | | | |
| TOTAL CSG | . DEL. (W/O | THRDS) | 311.63 | 8 | COMPAF | RE | | | |
| TIMING | | | 1ST STAGE | | | | | | |
| BEGIN RUN | CSG. | Spud | 6/8/2006 | 4:30 PM | GOOD CIRC | THRU JOE | · | YES | 418-447-197- |
| CSG. IN HO | LE | | 6/10/2006 | 11:00 AM | Bbls CMT C | IRC TO SUF | RFACE | 4.5 | |
| BEGIN CIRC | > | | 6/11/2006 | 1:19 PM | RECIPROCA | ATED PIPE | FOR | _N/A | |
| BEGIN PUM | PCMT | | 6/11/2006 | 1:28 PM |] | | _ | | |
| BEGIN DSPI | L. CMT | | 6/11/2006 | 1:39 PM | BUMPED PI | LUG TO _ | 360 | | PSI |
| PLUG DOW | N | | 6/11/2006 | 1:48 PM | | | | | |
| CEMENT US | | | | CEMENT CO | MPANY- | B. J. | | | |
| STAGE | # SX | | | CEMENT TY | PE & ADDITIN | /ES | | | |
| 1 | 160 | Class "G" w | 2% CaCL2 + 1 | I/4#/sk Cello-I | Flake mixed @ |) 15.8 ppg 1 | .17 cf/sk yiek | <u> </u> | |
| ļ | | | | | | | | | |
| | <u> </u> | <u> </u> | | | | | | | |
| CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING | | | - | | | | | | |
| Centralizers | s - Middle fi | rst, top seco | nd & third for | 3 | | | | | |
| | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| COMPANY F | REPRESENT | TATIVE _ | Troy Zufelt | • | | | DATE | 6/11/2006 | |

FORM 3160-5 (September 2001)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

Lease Serial No.

DUCHESNE, UT

| UTU- | Ga185 |
|--------------------|---------------------|
| 6. If Indian. Allo | ttee or Tribe Name. |

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

| | <u>i</u> | |
|---|--------------------------------|--|
| SUBMIT IN TRIPLICATE - Other | r Instructions on reverse side | 7. If Unit or CA/Agreement, Name and/or ASHLEY PA A |
| Type of Well Oil Well Gas Well Other Name of Operator | | 8. Well Name and No. ASHLEY 11-23-9-15 |
| NEWFIELD PRODUCTION COMPANY 1. Address Route 3 Box 3630 | 3b. Phone (include are code) | 9. API Well No. 4301332829 |
| Myton, UT 84052 Location of Well (Footage, Sec., T., R., M., or Survey l | 435,646,3721 Description) | 10. Field and Pool, or Exploratory Area MONUMENT BUTTE |
| 1981 FSL 1911 FWL NESW Section 23 T9S R15E | | 11. County or Parish, State |

| 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA | | | | | | |
|--|--|---|--|-------------------------------------|--|--|
| TYPE OF SUBMISSION | | TYPE OF ACTION | | | | |
| ☑ Notice of Intent ☐ Subsequent Report ☐ Final Abandonment | Acidize Alter Casing Casing Repair Change Plans Convert to | Deepen Fracture Treat New Construction Plug & Abandon Plug Back | Production(Start/Resume) Reclamation Recomplete Temporarily Abandon Water Disposal | Water Shut-Off Well Integrity Other | | |

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

| I hereby certify that the foregoing is true and correct (Printed/Typed) | Title | |
|--|--|---|
| Mandie Crozier | Regulatory Specialist | |
| Signiture Marrie 1004 | Date 07/21/2006 | |
| Crhis spac | E FOR FEDERAL OR STATE OFFIC | CE USE |
| Approved by | Title | Date |
| Conditions of approval, if any, are attached. Approval of this notice do certify that the applicant holds legal or equitable title to those rights in which would entitle the applicant to conduct operations thereon. | | |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it | t a crime for any person knowingly and willfully to make | to any department or agency of the United |

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

^{13.} Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

| FORM A | PPROVED |
|-------------|--------------|
| OMB No. | 1004-0135 |
| Expires Jan | uary 31,2004 |

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

| If Indian Allottes or Tribe Name | |
|----------------------------------|--|
| UTU66185 | |
| Lease Serial No. | |

| abandoned w | ell. Use Form 3160-3 (AP | D) for such proposals | • | 6. If Indian, Allot | tee or Tribe Name. |
|--|---|---|---|--|---|
| and Mark Markeya (1998) yang bersalah sada | Repr. 20 1 1 Carlo Villa Salam 20 Anii 12 Anii 12 Anii 12 Anii | erri kultus eta 1982 eta 1982 eta 1988. Regionale eta 1988 e | | 7. If Unit or CA/A ASHLEY PA A | greement, Name and/or No. |
| 1. Type of Well Oil Well Gas Well | Other | | | 8. Well Name and | No. |
| 2. Name of Operator | MDANIV | | | | ERAL 11-23-9-15 |
| NEWFIELD PRODUCTION CO 3a. Address Route 3 Box 3630 | OMPAN I | 3b. Phone No. (include are | code) | 9. API Well No. | |
| Myton, UT 84052 | | 435.646.3721 | coue | 4301332829 10. Field and Pool | , or Exploratory Area |
| 4. Location of Well (Footage, Sec | c., T., R., M., or Survey Description | n) | | Monument Butte | |
| 1981 FSL 1911 FWL | CF. | | | 11. County or Pari | ish, State |
| NE/SW Section 23 T9S R1 | JE | | | Duchesne, UT | |
| | APPROPRIATE BOX(ES | S) TO INIDICATE NA | TURE OF NO | OTICE, OR OT | HER DATA |
| TYPE OF SUBMISSION | | TYPI | OF ACTION | | |
| Notice of Intent | Acidize Alter Casing | Deepen Fracture Treat | Reclamation | | ☐ Water Shut-Off☐ Well Integrity |
| X Subsequent Report | Casing Repair | New Construction | Recomplete | | Weekly Status Report |
| Final Abandonment Notice | Change Plans Convert to Injector | Plug & Abandon Plug Back | Water Dis | ly Abandon oosal | Weekly Status Report |
| On 6/18/2006 MIRU Patters Test 8.625 csgn to 1,500 ps Drill out cement & shoe. Dri Dig/SP/GR log's TD to surfa / KB. Cement with 300sks of bbls returned to pit. Nipple of | si. Vernal BLM field, & Roos ill a 7.875 hole with fresh wa ace. PU & TIH with Guide s bement mixed @ 11.0 ppg 8 | sevelt DOGM office was ater to a depth of 5,950 hoe, shoe jt, float collant & 3.43 yld. The 450 sks | s notifed of test. '. Lay down did ', 136 jt's of 5. cement mixed | et. PU BHA and ill string & BHA 5 J-55, 15.5# ca I @ 14.4 ppg & | tag cement @ 270'. a. Open hole log w/ sgn. Set @ 5941.08' d. 1.24 yld. With 5 |
| I hereby certify that the foregoing is Name (Printed/Typed) | true and correct | Title | | | |
| Troy Zufelt | | Drilling Foreman | | | |
| Signature | | Date 06/24/2006 | | | |
| | Mary Mary Barrier | 2001 Blood Block of the September 1 | yer estat i | | |
| Approved by | | Title | | Date | |
| Approved by Conditions of approval, if any, are attache certify that the applicant holds legal or eq | | arrant or | | Į Dauc | |
| which would entitle the applicant to cond | uct operations thereon. | 6 | IIAdh, A | ny donortment | now of the United |
| Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent | statements or representations as to any | matter within its jurisdiction | плину ю таке ю а | ny department of age | RECEIVED |

(Instructions on reverse)

JUL 0 5 2006

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

| | | | 5 1/2" | CASING SET | AT | 5941.08 | | | |
|--------------|---|---------------|--------------------|-----------------|-----------------------------|---------------|---------------|---|-----------|
| | | | | | Fit clir @ | 5920' | | | |
| LAST CASI | NG <u>8 5/8"</u> | SET / | AT 3 <u>23.48'</u> | | OPERATOR | ₹ | Newfield | Production (| Company |
| DATUM | 12' KB | | | | WELL | Ashley Fe | deral 11-23 | 3-9-15 | |
| DATUM TO | CUT OFF C | ASING _ | 12' | | FIELD/PRO | SPECT _ | Monumen | t Butte | - |
| DATUM TO | BRADENHE | AD FLANGE | | | CONTRACT | TOR & RIG# | | Patterson r | ig # 155 |
| TD DRILLER | 5950' | LOGGI | ER | 5961' | | | | | |
| HOLE SIZE | 7 7/8" | | | | | | | | |
| | | | | | | | | | |
| LOG OF CA | SING STRIN | G: | | | T | T | | | |
| PIECES | OD | ITEM - | MAKE - DESC | RIPTION | WT/FT | GRD | THREAD | CONDT | LENGTH |
| | <u> </u> | Landing Jt | | | | | | | 14 |
| | ļ | Short jt | 6.05' (3907') | | | | | | |
| 135 | 5 1/2" | ETC LT & C | casing | | 15.5# | J-55 | 8rd | Α | 5906.98 |
| | | | | | | | | | 0.6 |
| 1 | 5 1/2" | ETC LT&C | | | 15.5# | J-55 | 8rd | Α | 20.85 |
| | | <u> </u> | GUIDE | shoe | | | 8rd | Α | 0.65 |
| CASING IN | /ENTORY B/ | AL. | FEET | JTS | TOTAL LEN | 5943.08 | | | |
| TOTAL LEN | GTH OF STE | RING | 5943.08 | 136 | LESS CUT OFF PIECE | | | | 14 |
| LESS NON | CSG. ITEMS | | 15.25 | | PLUS DATUM TO T/CUT OFF CSG | | | | 12 |
| PLUS FULL | JTS. LEFT C | DUT | 129.85 | 3 | CASING SET DEPTH 5941. | | | | 5941.08 |
| | TOTAL | | 6057.68 | 139 | <u> </u> | | | | |
| TOTAL CSG | 6. DEL. (W/O | THRDS) | 6057.68 | 139 | COMPARE | | | | |
| TIMING | | | 1ST STAGE | 2nd STAGE | | | | | |
| BEGIN RUN | CSG. | | 6/23/2006 | 3:00 AM | GOOD CIRC THRU JOB YES | | | | |
| CSG. IN HO | LE | | 6/23/2006 | 7:00 AM | Bbls CMT C | IRC TO SUR | FACE | 5 | |
| BEGIN CIRC | <u> </u> | | 6/23/2006 | 7:00 AM | RECIPROCA | ATED PIPE F | OR | THRUSTROM | <u>(E</u> |
| BEGIN PUM | P CMT | | 6/23/2006 | 9:05 AM | DID BACK F | PRES. VALVE | HOLD? | YES | |
| BEGIN DSP | L. CMT | | 6/23/2006 | 9:55 AM | BUMPED PL | LUG TO | 1750 | | PSI |
| PLUG DOW | N | | 6/23/2006 | 10:18 AM | | | | | |
| CEMENT US | SED | | | CEMENT COM | MPANY- | B. J. | | | ···· |
| STAGE | # SX | | | CEMENT TYP | E & ADDITIV | /ES | | | |
| 1 | 300 | Premlite II w | / 10% gel + 3 ° | % KCL, 3#'s /sl | CSE + 2# s | k/kolseal + 1 | /4#'s/sk Cell | o Flake | |
| | | mixed @ 11 | .0 ppg W / 3.43 | cf/sk yield | | | | | |
| 2 | 450 | 50/50 poz W | // 2% Gel + 3% | KCL, .5%EC1 | ,1/4# sk C.F. | 2% gel. 3% | SM mixed @ | 14.4 ppg W/ | 1.24 YLD |
| CENTRALIZ | CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING | | | | | | | | |
| Centralizers | Centralizers - Middle first, top second & third. Then every third collar for a total of 20. | | | | | | | | |
| | | | | | | | | , <u>, , , , , , , , , , , , , , , , , , </u> | |
| | | | | | | | | | |
| - | | | <u> </u> | | | | | | |

| COMPANY REPRESENTATIVE | Troy Zufelt | DATE <u>6/23/2006</u> |
|------------------------|-------------|-----------------------|
| | | |

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

| | | | 5 1/2" | CASING SET | AT | 5941.08 | | | |
|--------------|---|----------------|-------------------|-----------------|-------------------------------|----------------|--------------|--------------|--------------|
| | | | | | Fit clir @ | 5920' | | | |
| LAST CASIN | NG <u>8 5/8"</u> | SET A | T 3 <u>23.48'</u> | | OPERATOR | ₹ | Newfield F | Production (| Company |
| DATUM | 12' KB | | | | WELL | Ashley Fed | deral 11-23 | -9-15 | |
| DATUM TO | CUT OFF C | ASING _ | 12' | | FIELD/PROSPECT Monument Butte | | | | |
| DATUM TO | BRADENHE | AD FLANGE | | | CONTRACT | FOR & RIG# | | Patterson i | ig # 155 |
| TD DRILLER | 5950' | LOGGE | ER | <u>596</u> 1' | | | | | |
| HOLE SIZE | 7 <u>7/8"</u> | | | | | | | | |
| | | | | | | | | | |
| LOG OF CA | SING STRIN | IG: | | | , | | | , | , |
| PIECES | OD | ITEM - N | MAKE - DESCI | RIPTION | WT/FT | GRD | THREAD | CONDT | LENGTH |
| | | Landing Jt | | | | | | | 14 |
| | | Short jt | 6.05' (3907') | | | | | | |
| 135 | 5 1/2" | ETC LT & C | casing | | 15.5# | J-55 | 8rd | Α | 5906.98 |
| | | | | | | | | | 0.6 |
| 1 | 5 1/2" | ETC LT&C o | sg | | 15.5# | J-55 | 8rd | Α | 20.85 |
| | | | GUIDE | shoe | | | 8rd | Α | 0.65 |
| CASING INV | ENTORY B | AL. | FEET | JTS | TOTAL LENGTH OF STRING | | | | |
| TOTAL LEN | GTH OF STI | RING | 5943.08 | 136 | LESS CUT OFF PIECE | | | | 14 |
| LESS NON | CSG. ITEMS | | 15.25 | | PLUS DATUM TO T/CUT OFF CSG | | | | 12 |
| PLUS FULL | JTS. LEFT (| DUT | 129.85 | 3 | CASING SET DEPTH 5941 | | | | 5941.08 |
| | TOTAL | | 6057.68 | 139 |]1 | | | | |
| TOTAL CSG | . DEL. (W/O | THRDS) | 6057.68 | 139 | COMPARE | | | | |
| TIMING | | | 1ST STAGE | 2nd STAGE | | | | | |
| BEGIN RUN | CSG. | | 6/23/2006 | 3:00 AM | GOOD CIRC | THRU JOB | | YES | |
| CSG. IN HO | LE | | 6/23/2006 | 7:00 AM | Bbls CMT C | IRC TO SUR | FACE | 5 | |
| BEGIN CIRC | ; | | 6/23/2006 | 7:00 AM | RECIPROC | ATED PIPE F | OR | THRUSTRO | KE_ |
| BEGIN PUM | P CMT | | 6/23/2006 | 9:05 AM | DID BACK F | PRES. VALVE | HOLD? | YES | |
| BEGIN DSPI | L. CMT | | 6/23/2006 | 9:55 AM | BUMPED P | LUG TO | 1750 | | PSI |
| PLUG DOW | N | | 6/23/2006 | 10:18 AM | | | | | |
| CEMENT US | SED | | | CEMENT COM | /PANY- | B. J. | | | |
| STAGE | # SX | | | CEMENT TYP | E & ADDITI\ | /ES | | | |
| 1 | 300 | Premlite II w/ | 10% gel + 3 ° | % KCL, 3#'s /sl | CSE + 2# s | k/kolseal + 1 | 4#'s/sk Cell | Flake | |
| | | mixed @ 11. | 0 ppg W / 3.43 | cf/sk yield | | | | | |
| 2 | 450 | 50/50 poz W | // 2% Gel + 3% | KCL, .5%EC1 | ,1/4# sk C.F. | 2% gel. 3% | SM mixed @ | 14.4 ppg W/ | 1.24 YLD |
| CENTRALIZ | CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING | | | | | | | | |
| Centralizers | s - Middle fi | rst, top seco | nd & third. Th | nen every thir | d collar for a | a total of 20. | | | |
| | | | | | , | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| COMPANY F | REPRESENT | TATIVE | Troy Zufelt | | | | DATE | 6/23/2006 | |

RECEIVED
JUL 0 5 2006

FORM 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

(See other instructions ons

reverse side)

SUBMIT IN DUPLICATE* FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO.

LITU-66185

| | DOILE | AU OI LAND | MANAGEME | -14 1 | | | 7-00 100 |
|------------------------------------|------------------------------|------------------------------|--|------------------------|----------------------------|--|---|
| WELL CO | MPLETION | OR RECOM | IPLETION | REPORT A | ND LOG* | 6. IF INDIAN, ALLOTTE | E OR TRIBE NAME NA |
| 1a. TYPE OF WORK | | | | | | 7. UNIT AGREEMENT N | |
| III. I I I E OI WORK | OIL WELL | GAS GAS | DRY | Other | | i | shley |
| 1b. TYPE OF WELL | WELL | MELI | · [] | Other | | | onicy |
| | | | | | | 8. FARM OR LEASE NA | ME, WELL NO. |
| NEW Y WOR | | PLUG | | | | A - b.l | |
| WELL OVE | R DELIEN | BACK | RESVR. | Other | | 9. WELL NO. | eral 11-23-9-15 |
| 2. NAME OF OPERATOR | No | wfield Evolors | ition Company | , | | Į. | 13-32829 |
| 3. ADDRESS AND TELEPHONE N | | Wileid Explore | mon company | | | 10. FIELD AND POOL OF | |
| | | St. Suite 100 | 0 Denver, CC | 80202 | | Monun | nent Butte |
| 4. LOCATION OF WELL (Rep | port locations clearly a | and in accordance with | any State requiremen | nts.*) | | 11. SEC., T., R., M., OR B | LOCK AND SURVEY |
| At Surface | 1981 | ' FSL & 1911' FW | /L (NE/SW) Sec. | 23, 19S, R15E | | OR AREA | TOO DAFE |
| At top prod. Interval reported b | elow | | | | | Sec. 23, | T9S, R15E |
| | | | | DATE ISSUED | | 12. COUNTY OR PARISH | 13. STATE |
| At total depth | | 14. API NO 4 : | , 3-013-32829 | | 7/11/05 | Duchesne | UT |
| 15. DATE SPUDDED 16. DA | TE T.D. REACHED | 17. DATE COMPL | | | DF, RKB, RT, GR. E | rc.)* | 19. ELEV. CASINGHEAD |
| 6/6/06 | 6/22/06 | 7. | /20/06 | 6349 | 9' GL | 6361' KB | |
| 20. TOTAL DEPTH. MD & TVD | 21. PLUG BAG | CK T.D., MD & TVD | 22. IF MULTIPL | | 23. INTERVALS | ROTARY TOOLS | CABLE TOOLS |
| 5950' | | 5919' | HOW MAN | (* | DRILLED BY | × | |
| 24. PRODUCING INTERVAL(S). C | OF THIS COMPLETION- | | (MD AND TVD)* | | | | 25. WAS DIRECTIONAL |
| 24. I RODOCHIO HITEKIALO). C | or this commeetion | | River 4586' | -5210' | | | SURVEY MADE |
| | | Green | 1/1461 | -32 10 | | | No |
| 26. TYPE ELECTRIC AND OTHER | R LOGS RUN | - | - | | | | 27. WAS WELL CORED |
| Dual Induction Gua | rd, SP, Compe | | | | | , Cement Bond Log | No |
| 23. | | | ING RECORD (Rep | | | MONT OCH FATTING RECORD | AMOUNT PULLED |
| CASING SIZE/GRADE 8-5/8" - J-55 | WEIGHT 24 | | PTH SET (MD) | HOLE SIZE 12-1/4" | | MENT, CEMENTING RECORD with 160 sx Class "G" cmt | AMOUNT PULLED |
| 5-1/2" - J-55 | 15. | | 5941' | 7-7/8" | | ite II and 450 sx 50/50 Poz | |
| <u> </u> | | | | | | | |
| 29. | LIN | ER RECORD | | | 30. | TUBING RECORD | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT® | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) TA @ |
| | | | - | | 2-7/8" | EOT @ 5276' | 5145' |
| | | | | 32. | ACID SHOT | FRACTURE, CEMENT SQUE | <u> </u> |
| 31. PERFORATION RECORD (In INTERVA | | SIZE | SPF/NUMBER | | ERVAL (MD) | AMOUNT AND KIND OF | MATERIAL USED |
| | 197', 5204'-5210' | .46" | 4/72 | 5185'- | -5210' | Frac w/ 70,229# 20/40 s | and in 547 bbls fluid |
| | 925', 4965'-4972' | .43" | 4/64 | 4916'- | 4972' | Frac w/ 55,122# 20/40 s | and in 462 bbls fluid |
| | (B.5) 4773'-4782' | .43" | 4/36 | 4773'- | -4782' | Frac w/ 34,730# 20/40 s | and in 405 bbls fluid |
| (D1,2,&3) 4586'-94', 46 | 24'-30', 4948'-52' | .43" | 4/72 | 4586'- | -4652' | Frac w/ 94,717# 20/40 s | and in 678 bbls fluid |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 33.* | | | PRODU | | | WELL O | PARTIE (D. J. |
| DATE FIRST PRODUCTION . 7/20/06 | PRODUCTIO | | as lift, pumpingsize and $1-1/2" \times 15.5"$ | | unger Pumr | | FATUS (Producing or shut-in) PRODUCING |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | | ILBBLS. | GASMCF. | WATERBBL. | GAS-OIL RATIO |
| | | | TEST PERIOD | 40 | 1 457 | 1 44 | 2204 |
| 30 day ave | | | > | 49 GASMCF. | 157 | T1 OIL GRAVI | 3204 TY-API (CORR.) |
| FLOW, TUBING PRESS. | CASING PRESSUR | E CALCULATED 24-HOUR RATE | OIL-BBL | GASMCF. | | WATER-BBL. ORAYI | 11-/(11(COKK.) |
| | | > | | | · . | | |
| 34. DISPOSETION OF GAS (Sold. o | ised for fuel, vented, etc.) | | | 1 11 | 7 | TEST WITNESSED BY | |
| | | Sold & Used | d for Fuel | Alic - | A . | | |
| 35. LIST OF ATTACHMENTS | | | | 700 3 | u 2006 | | |
| | 1 | | | | | | |
| 36. I hereby certify that the tors | 7 · / | formation is complete | and correct as determ | ined from all availabl | le records ulatory Spec | ialist ovo | 8/29/2006 |
| SIGNED / | and (| wayer | | Regu | natory spec | nunst 11(1) | |
| Mandie Crozie | ar | | | | | | 710 |

| ecoveries); FORMATION | ТОР | воттом | DESCRIPTION, CONTENTS, ETC. | | ТОР | | |
|-----------------------|-----|--------|-----------------------------|----------------------------|----------------|--------------------|--|
| | | | | NAME | MEAS. DEPTH | TRUE VERT. DEPT | |
| | | | Well Name | Garden Gulch Mkr | 3530' | | |
| | | | Ashley Federal 11-23-9-15 | Garden Gulch 1 | 3770' | | |
| | | | | Garden Gulch 2 | 3884' | | |
| | | | | Point 3 Mkr | 4116' | | |
| | | | | X Mkr | 4394' | | |
| | | | | Y-Mkr Douglas Creek Mkr | 4430' 4532' | | |
| | | | | BiCarbonate Mkr | 4765' | | |
| | | | | B Limestone Mkr | 4882' | | |
| | | | | Castle Peak | 5434' | | |
| | | | | Basal Carbonate | 5878' | | |
| | | | | Total Depth (LOGGERS | 5961' | | |
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STATE OF UTAH DIVISION OF OIL, GAS AND MINING ENTITY ACTION FORM -FORM 6 OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3630 MYTON, UT 84052

OPERATOR ACCT. NO.

| | CURRENT | HEW | API NUMBER | WALL NAME | | | WELL I | | | SPUD | EFFECTIVE DATE |
|------------|-------------------------|--|-----------------------|---------------------------|---------|-------|---------------------------------------|----------|-----------|--------------|---------------------|
| POE | ENTITY NO. | ENTITY NO. | | | 00 | SC | TP | RG | CONTINUTY | DATE | 7 |
| | | | | | | 33 | 98 | 15E | DUCHESNE | | 11/20/06 |
| | 15479 | 12419 | 43-013-32817 | ASHLEY FEDERAL 14-23-9-15 | SEJSW | 23 | 30 | ISE | DUGITEDIL | | 11/2/- |
| L 100 | BLM | APPROVE | D PARTICIPATIN | G AREA EXPANSION EFFECTIV | E 7/1 | | | RRV | | | |
| TION | CURRENT | NEW | APIRIMBER | WELL NAME | | | VELL LOCATI | | 1 | SPUD DATE | DATE |
| 00€ | ENTITY NO. | ENTITY NO. | | | 99 | BC . | TP | mg | COUNTY | MALE | 1.7 |
| c | 15579 | 12419 | 43-013-32823 | ASHLEY FEDERAL 14-22-9-15 | SEISW | 22 | 95 | 15E | DUCHESNE | | 11/20/04 |
| | BLM | APPROVE | D PARTICIPATIN | G AREA EXPANSION EFFECTIV | E 7/1 | /2006 | . G | RRV | | | |
| | | · | API NUMBER | WELL NAME | 1 | | ALERT C | NUTTACO | | SP#D | OFFECTIVE. |
| HOITS | CLINNENT SMITTY NO. | ENTITY NO. | API REMIER | | 90 | 32 | TP | RG | COURTY | DATE | |
| C | 15374 | 12419 | 43-013-32822 | ASHLEY FEDERAL 13-22-9-15 | SWISM | 22 | 98 | 15E | DUCHESNE | | 11/20/0 |
| | CLIBRARYT ENTITY NO. | ENLITA NO. | AM NUMBER | MET PWIE | QQ | - sc | BP | RG | COUNTY | SPUD DATE | DATE |
| CODE | | | AFRIMBER | Year | Qe | SC SC | B* | ReG | COUNTY | DATE | 11/20/04 |
| c | 15443 | 12419 | 43-013-32827 | ASHLEY FEDERAL 6-23-9-15 | SEISY | 23 | 95 |] 15E | DUCHESNE | | 11/00/04 |
| | BLN | APPROVE | ED PARTICIPATIN | NG AREA EXPANSION EFFECTI | /E 7/1 | /2006 | . G | RRV | | | |
| ACTION | CURRENT | NEW | API NUMBER | WELL NAME | | | · · · · · · · · · · · · · · · · · · · | LOCATION | | Seno | EFFECTIVE. DAVE |
| CODE | EMITY NO. | ENTITY NO. | | | 90 | BC BC | TP | RG | COUNTY | DATE | DATE |
| С | 15409 | 12419 | 43-013-32831 | ASHLEY FEDERAL 15-23-9-15 | SWIS | 23 | 98 | 15E | DUCHESNE | | 11/20/0 |
| | COMMENS: | M APPROVI | ED PARTICIPATI | NG AREA EXPANSION EFFECTI | VE 7/1 | /2006 | 5. 0 | GRRV | | | · |
| ACTION | | HETT | APINIUMBER | WELL WATE | 09 | T sc | WELL | LOCATION | COUNTY | SPUD DATE | GPFECTIVE , DATE |
| CODE | | ENTITY NO. | 40.040.03000 | ASHLEY FEDERAL 11-23-9-15 | NELS | y 23 | 98 | 15E | DUCHESNE | | 11/30/0 |
| C | 15436 | 12419 | 43-013-32829 | ASHLET PEDERAL 11-234-13 | 111001 | -1 | | | | | |
| MELL S | COUNTENTS: BL | M APPROVI | ED PARTICIPATI | NG AREA EXPANSION EFFECTI | VE 7/1 | /2006 | 5. (| GRRV | - G | 111 | |
| A - | - Establish new and | ply is an back of family by the new and fairgle to sixting addly (group at | well and/) | RE | CEIV | ED | | (| Jana L | eleles | Lana Neb |
| C | - No-stalpfetrellfre | on one existing entity to | santur existing entry | MO | 1 1 6 2 | nns | | U | Almie | | |

E. Ofter (suplain to comments section)



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3180 UT-922

NOV 0 6 2006

Newfield Exploration Company Attn: Laurie Deseau 1401 Seventeenth Street, Suite 1000 Denver, CO 80202

Re: Initial Consolidated
Green River Formation PA "A, B"
Ashley Unit
Duchesne County, Utah

The Initial consolidated Green River Formation "A, B" Ashley Unit, CRS UTU73520C, is hereby approved effective as of July 1, 2006, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The Initial Consolidated Green River Formation PA "A, B" results in the Initial Participating Area of 6,710.49 acres, and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities:

| WELLING. | APINO. | LOCATION | LEASE NO. |
|----------|--------------|-------------------|----------------|
| 13-22 | 43-013-32822 | Lot 4, 22-9S-15E | UTU66185 |
| 14-22 | 43-013-32823 | SESW, 22-9S-15E | UTU66185 |
| 15-23 | 43-013-32831 | SWSE, 23-9S-15E | UTU66185 |
| 11-23 | 43-013-32829 | NESW, 23-9S-15E | UTU66185 |
| 6-23 | 43-013-32827 | SENW, 23-9S-15E | UTU66185 |
| 14-23 | 43-013-32817 | SESW, 23-9S-15E | UTU66185 |
| 13-24 | 43-013-32820 | SWSW, 24-9S-15E | UTU02458 |
| 14-24 | 43-013-32821 | SESW, 24-9S-15E | UTU02458 |
| 9-24 | 43-013-32819 | NESE, 24-9S-15E | UTU02458 |
| 8-24 | 43-013-32818 | SENE, 24-9S-15E | UTU02458 |
| 4-25 | 43-013-32884 | NWNW, 25-9S-15E | UTU66185 |
| 4-26 | 43-013-32900 | NWNW, 26-9S-15E | UTU027345 |
| 5-26 | 43-013-32901 | SWNW, 26, 9S-15E | UTU66185 |
| 12-26 | 43-013-32905 | NWSW, 26, 9S-15E | UTU66185 |
| 5-27 | 43-013-32836 | Lot 2, 27, 9S-15E | UTU66185 |
| 13-27 | 43-013-32878 | Lot 4, 27, 9S-15E | UTU74827 |
| 11-27 | 43-013-32877 | NESW, 27, 9S-15E | UTU74837CFIVED |

NOV 0 8 2006

| WELL NO. | APINO: | LOCATION | LEASE NO. |
|----------|--------------|------------------|-----------|
| 14-27 | 43-013-32879 | SESW, 27, 9S-15E | UTU74827 |
| 7-27 | 43-013-32838 | SWNE, 27, 9S-15E | UTU66185 |
| 10-27 | 43-013-32876 | NWSE, 27, 9S-15E | UTU66185 |
| 15-27 | 43-013-32880 | SWSE, 27, 9S-15E | UTU66185 |
| 9-27 | 43-013-32875 | NESE, 27, 9S-15E | UTU66185 |
| 3-27 | 43-013-32835 | NENW, 27, 9S-15E | UTU66185 |
| 2-27 | 43-013-32834 | NWNE, 27, 92-15E | UTU027345 |

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Consolidated Green River PA "A, B", Ashley Unit.

Sincerely,

/s/ Douglas F. Cook

Douglas F. Cook Chief, Branch of Fluid Minerals

bcc: Division of Oil, Gas & Mining

SITLA

Ashley Unit w/enclosure

MMS - Data Management Division (Attn: James Sykes)

Field Manager - Vernal w/enclosure

Agr. Sec. Chron. Central Files

CSeare:cs (11/03/06)Ashley "A, B"Consolidated



August 3, 2007

Mr. Dan Jarvis State of Utah Division of Oil, Gas and Mining Post Office Box 145801 Salt Lake City, Utah 84114-5801

Permit Application for Water Injection Well RE:

Ashley Federal #11-23-9-15

Monument Butte Field, Ashley PA AB, Lease #UTU-66185

Section 23-Township 9S-Range 15E

Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #11-23-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley PA AB.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

and Gerly David Gerbig

Operations Engineer

RECEIVED OCT 1 5 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

ASHLEY FEDERAL #11-23-9-15

MONUMENT BUTTE FIELD (GREEN RIVER)

ASHLEY PA AB

LEASE #UTU-66185

AUGUST 3, 2007

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STATE OF UTAH DIVISION OF OIL, GAS AND MINING

OPERATOR ADDRESS

Comments:

APPLICATION FOR INJECTION WELL - UIC FORM 1

Newfield Production Company 1401 17th Street, Suite 1000 Denver, Colorado 80202

| Well Name an | d numb | er: | Ashley Fed | deral #11-2 | 23-9-15 | | | | | |
|---|------------------------|-------------------------------|--|--------------|--------------------------------|----------------------------|-------------------|-------------|----------|----------|
| Field or Unit n | ame: | | Monument Butte (Green River), Ashley PA AB | | | | | Lease No. | UTU-6618 | 35 |
| Well Location: | QQ _ | NE/SW | section | 23 | township | 98 | range | 15E | county | Duchesne |
| Is this applicat | tion for | expansion o | f an existing | project?. | | | Yes [X] | No [] | | |
| Will the propos | sed wel | ll be used fo | r: | Disposal? | Recovery? | | Yes [] | No [X] | | |
| Is this applicat If this applicat has a casing Date of test: API number | ion is fo g test be | or an existing een perform | g well, | | | | | | | |
| Proposed injective Proposed max Proposed injective mile of the we | kimum i ction zo | njection: | | | to pressure [] fresh wa | 5878 2118 ter within | _ _psig 1/2 | | | |
| | | IMPOR | TANT: | | I information any this form. | as require | d by R615 | -5-2 should | | |
| List of Attachn | nents:_ | | Attachmer | nts "A" thro | ugh "H-1" | | | | | |
| I certify that th | | rt is true and | l complete to | o the best | of my knowle | dge. | | y Sel | | |
| Title Phone No. | Opera | ations Engin 893-0102 | eer | | Date | 10- | 1000 | 37 L | | |
| (State use onl Application ap Approval Date | proved | by | | | | | _Title | | | |

Ashley Federal 11-23-9-15

Spud Date:06/08/2006 Put on Production: 07/20/2006

GL: 6349' KB: 6361'

SURFACE CASING

LENGTH: 8 jts. (311.63')

HOLE SIZE:12-1/4"

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5# LENGTH: 136 jts. (5927.83') DEPTH LANDED: 5941.08' KB HOLE SIZE: 7-7/8"

CEMENT TOP AT: 70°

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 162 jts (5133.18') TUBING ANCHOR: 5145.18' KB NO. OF JOINTS: 2 jts (63.45') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5211.43' KB NO. OF JOINTS: 2 jts (63.22')

TOTAL STRING LENGTH: EOT @ 5276,20' KB

TUBING

DEPTH LANDED: 323,48' KB

PRODUCTION CASING

CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

Proposed Injection Wellbore Diagram

Cement Top @ 70

Initial Production: BOPD. MCFD, BWPD

FRAC JOB 07/17/06 5210-5185' Frac LODC sands as follows: 70,229# 20/40 sand in 547 bbls Lightning 17 frac fluid. Treated @ avg press of 2265 psi w/avg rate of 25.1 BPM. ISIP 2160 psi. Calc flush: 5207 gal. Actual flush: 4704 gal. 07/17/06 4972-4916' Frac A1 & A5 sands as follows: 55,122# 20/40 sand in 462 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 4970 gal. Actual flush: 4452 gal. 07/17/06 4773-4782' Frac C sands as follows: 34,730# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 2238 psi w/avg rate of 25.1 BPM. ISIP 2175 psi. Calc flush: 4771 gal. Actual flush: 4284 gal. 07/17/06 4652-4586' Frac D3,D2, & D1 sands as follows: 94,717# 20/40 sand in 678 bbls Lightning 17

frac fluid. Treated @ avg press of 1985 psi w/avg rate of 24.9 BPM. ISIP 2175 psi. Calc flush: 4650 gal. Actual flush: 4494 gal. 03-12-07 Pump Change Rod & Tubing detail updated.

07/11/06 5204-5210'

07/11/06 5185-5197' 07/17/06 4965-4972'

07/17/06 4586-4594

4916-4925'

4773-4782

4648-4652'

4624-4630'

07/17/06

07/17/06

07/17/06

07/17/06

4 ISPE

4 JSPF

4 JSPF

4 JSPF

4 JSPF

4 JSPF

4 JSPF

24 holes

28 holes

36 holes

36 holes

16 holes

24 holes

Packer @ 4551' 4586-4594' 4624-4630' 4648-4652' PERFORATION RECORD 4773-4782 4916-4925 4965-4972' 5185-5197 5204-5210 PBTD @ 5919' TD @ 5950'

NEWFIELD

Ashley Federal 11-23-9-15

1981' FSL & 1911' FWL NE/SW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32829; Lease #UTU-66185

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1401 17th Street, Suite 1000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Ashley Federal #11-23-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley PA AB.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Ashley Federal #11-23-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3884' - 4882'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3530' and the Castle Peak top at 5434'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Ashley Federal #11-23-9-15 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a State lease (Lease #UTU-66185) in the Monument Butte (Green River) Field, Ashley PA AB, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24#, J-55 surface casing run to 323' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5941' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2118 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #11-23-9-15, for existing perforations (4586' - 5210') calculates at 0.87 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2118 psig. We may add additional perforations between 3530' and 5961'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #11-23-9-15, the proposed injection zone (3884' - 5878') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-11.

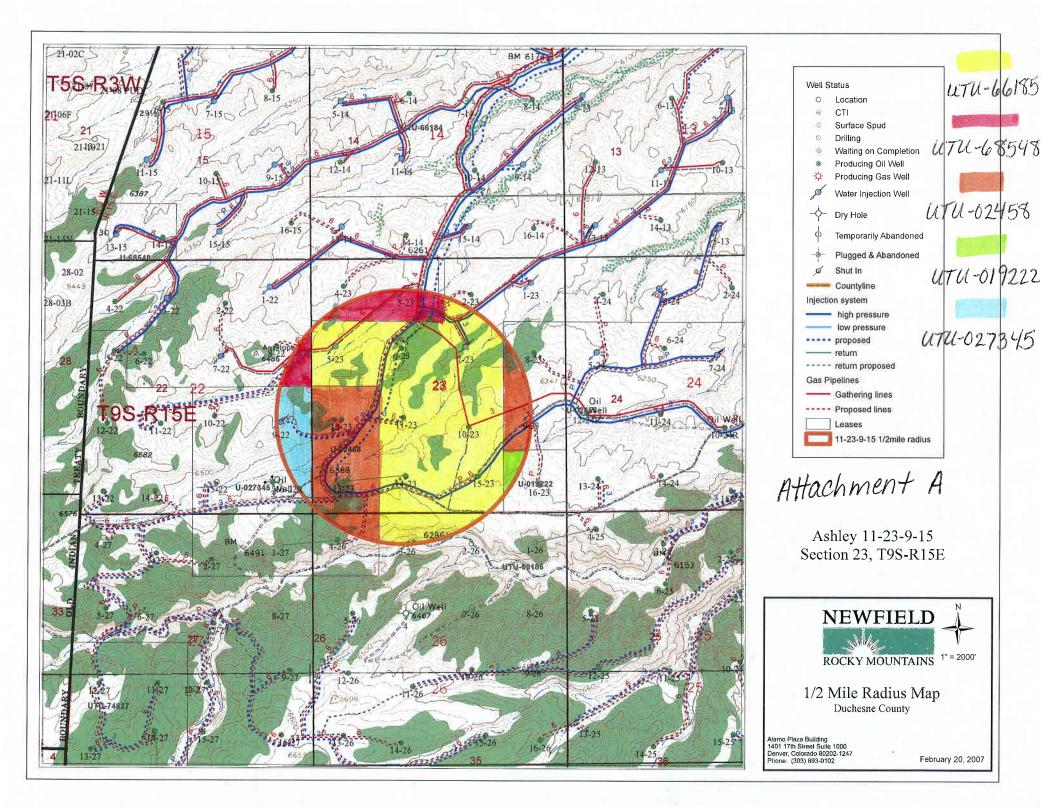
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

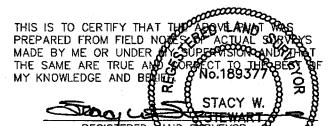


T9S, R15E, S.L.B.&M. Corner missing. (Reestablished S89'59'W - 80.14 (G.L.O.) Proportionately) S89'54'26"W - 2639.33' (Meas.) S89°53'36"W - 2644.67' (Meas.) 1910 1910 Bross Cap Brass Cap WELL LOCATION: ASHLEY UNIT 11-23 ELEV. UNGRADED GROUND = 6349.2' NO.01'W (G.L.O.) Brass Cap DRILLING 1910 WINDOW Brass Cap 1911' VOO'04'52"W 1910 1910 1910 Brass Cap Brass Cap S89°56'11"W - 2642.56' (Meas.) S89'37'11"W - 2633.21' (Meas.) S89'57'W - 80.06 (G.L.O.) = SECTION CORNERS LOCATED BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 11-23, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 23, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

| SCALE: 1" = 1000' | SURVEYED BY: D.P. |
|-------------------|-------------------|
| DATE: 6-14-05 | DRAWN BY: F.T.M. |
| NOTES: | FILE # |

EXHIBIT B Page 1

| # | Land Description | Minerals Ownership & Expires | Minerals Leased By | Surface Rights |
|---|--|------------------------------|-----------------------------|----------------|
| 1 | Township 9 South, Range 15 East, SLM Section 22: Lots 2, 3, 4, E/2W/2 Section 23: NE/4NE/4, W/2E/2, S/2NW/4, E/2SW/4 Section 24: N/2N/2 Section 25: All Section 26: NE/4, NE/4NW/4, S/2NW/4, S/2 Section 27: Lots 1, 2, S/2NE/4, E/2NW/4, SE/4 | UTU-66185 HBP | Newfield Production Company | USA |
| 2 | Township 9 South, Range 15 East, SLM Section 13: S/2S/2 Section 14: S/2S/2 Section 15: Lot 4 Section 22: Lot 1, NE/4, E/2NW/4 Section 23: N/2NW/4 | UTU-68548 HBP | Newfield Production Company | USA |
| 3 | Township 9 South, Range 15 East, SLM Section 23: SE/4SE/4 | UTU-019222 HBP | Newfield Production Company | USA |

EXHIBIT B Page 2

| # | Land Description | Minerals Ownership & Expires | Minerals Leased By | Surface Rights |
|---|--|------------------------------|-----------------------------|----------------|
| 4 | Township 9 South Range 15 East Section 23: SE/4NE/4, W/2SW/4, NE/4SE/4 Section 24: S/2N/2, S/2 | UTU-02458 HBP | Newfield Production Company | USA |
| 5 | Township 9 South Range 15 East Section 22: SE/4 Section 26: NW/4NW/4 Section 27: N/2NE/4 | UTU-027345 HBP | Newfield Production Company | USA |

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

Application for Approval of Class II Injection Well

RE:

| Ashley Federal #11-23-9-15 |
|---|
| I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well. |
| |
| |
| Signed: Newfield Production Company David Gerbig Operations Engineer |
| Sworn to and subscribed before me this 10 day of October, 2007. |
| Notary Public in and for the State of Colorado: My Commission Expires 05/05/2009 |
| My Commission Expires: |

Ashley Federal 11-23-9-15

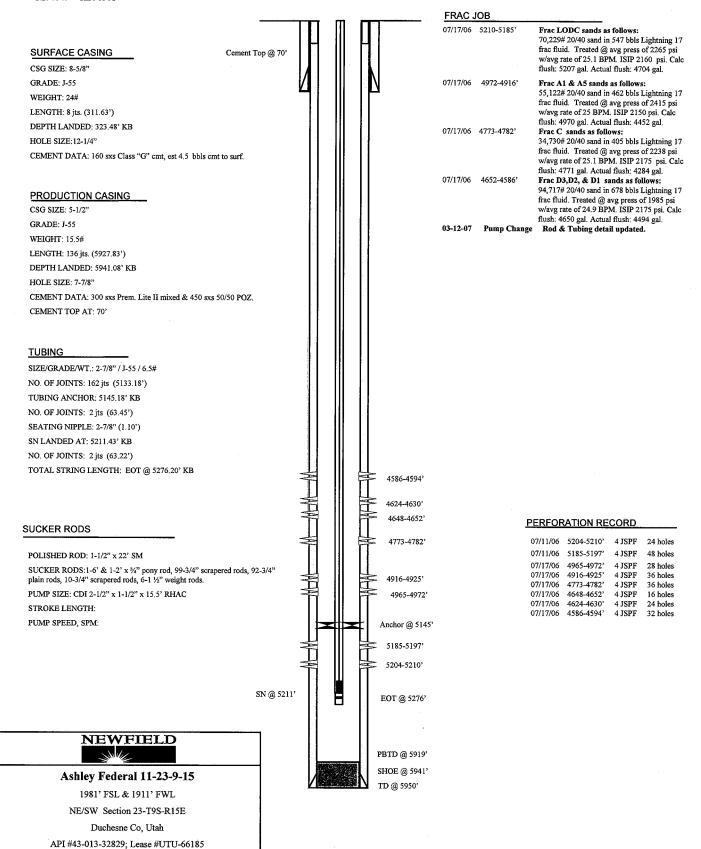
Spud Date: 06/08/2006 Put on Production: 07/20/2006

GL: 6349' KB: 6361'

Wellbore Diagram

MCFD, BWPD

Initial Production: BOPD,



Ashley Federal 3-23-9-15

Spud Date: 12/06/04 Put on Production: 1/18/2005

GL: 6300' KB: 6312'

Injection Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 1/13/05 5854'-5864' Frac CP5 sands as follows: 29,391# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc GRADE: J-55 WEIGHT: 24# Cement Top @ 165' flush: 5852 gal. Actual flush: 5851 gal. LENGTH: 8 jts. (323.36') 1/13/05 5588'-5627 Frac CP1 sands as follows: DEPTH LANDED: 333.36' KB 79,648# 20/40 sand in 609 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1659 psi w/avg rate of 24.9 BPM. ISIP 1650 psi. Calc flush: 5586 gal. Actual flush: 5586 gal. CEMENT DATA: 160 sxs Class "G" cmt. est 4 bbls cmt to surf. 1/13/05 5201'-5211' Frac LODC sands as follows: 26,556# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 5199 gal. Actual flush: 5200 gal. 1/14/05 4638'-4652' Frac D1 sands as follows: PRODUCTION CASING 100,974# 20/40 sand in 704 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi CSG SIZE: 5-1/2" w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc GRADE: J-55 flush: 4636 gal. Actual flush: 4652 gal. WEIGHT: 15.5# SN @ 4570' 5/10/06 Well converted to an Injection well. Packer @ 4574' LENGTH: 133 jts. (5977.08') 5/23/06 MIT completed and submitted. EOT @ 4578' DEPTH LANDED: 5975.08' KB CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ. 4638-4652 CEMENT TOP AT: 165' TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 140 jts (4557.79') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4569.79' KB TOTAL STRING LENGTH: EOT @ 4578.29' w/ 12' KB 5201-5211 PERFORATION RECORD 1/06/05 5854'-5864' 1/13/05 5622'-5627' 4 JSPF 20 holes 1/13/05 5588'-5607' 76 holes 5588-5607' 1/13/05 5201'-5211' 4 JSPF 40 holes 1/13/05 4638'-4652' 4 JSPF 56 holes 5622-5627

5854-5864

PBTD @5931'

SHOE @ 5975'

TD@ 5985'

NEWFIELD

Ashley Federal 3-23-9-15

660' FNL & 1980' FWL

NE/NW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32479; Lease #UTU-68548

Ashley Federal 5-23-9-15

Spud Date: 12/08/04 Put on Production: 1/25/2005

GL: 6350' KB: 6362'

SURFACE CASING

LENGTH: 7 jts. (290.67')

HOLE SIZE:12-1/4"

DEPTH LANDED: 300.67' KB

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

Injection Wellbore Diagram

Cement Top @ 180'

Initial Production: BOPD, MCFD, BWPD

FRAC JOB

6/30/06

8/1/06

Packer @ 4127'

EOT @ 4131'

4150-41603

5304-5306'

5318-5324'

5331-5340'

5347-53563

5445-5452'

5483-5490'

5561-55731

PBTD @ 5911'

SHOE @ 5958'

TD@ 5970'

1/17/05 5561'-5573'

Frac CP2 sands as follows: 20,943# 20/40 sand in 272 bbls Lightning 17

20,943# 20/40 sand in 272 bbls Lightning 17 frac fluid. Treated @ avg press of 1795 psi w/avg rate of 24.8 BPM. ISIP 1875 psi. Calc flush: 5559 gal. Actual flush: 5603 gal.

1/20/05 5445'-5490' Frac LODC sands as follows:

39,334# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2150 psi w/avg rate of 24.5 BPM. ISIP 3300 psi. Screened out.

1/21/05 5304'-5356' Frac LODC sands as follows:

95,313# 20/40 sand in 697 bbls Lightning 17 frac fluid. Treated @ avg press of 2775 psi w/avg rate of 24.5 BPM. ISIP 3350 psi. Calc flush: 5302 gal. Actual flush: 5300 gal.

1/21/05 4150'-4160' Frac GB6 sands as follows:

28,799# 20/40 sand in 279 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 psi w/avg rate of 14.4 BPM. ISIP 2000 psi. Calc flush: 4148 gal. Actual flush: 4056 gal.

Well converted to an Injection well.

MIT completed and submitted.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts. (5959.62')

DEPTH LANDED: 5957.62' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

CEMENT TOP AT: 180'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 126 jts (4110.77') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4123.87' KB

TOTAL STRING LENGTH: EOT @ 4131.37' w/ 12' KB

PERFORATION RECORD

| 1/12/05 | 5561'-5573' | 4 JSPF | 48 holes |
|---------|--------------|--------|----------|
| 1/20/05 | 5483'-5490' | 4 JSPF | 28 holes |
| 1/20/05 | 5445' -5452' | 4 JSPF | 28 holes |
| 1/21/05 | 5347'-5356' | 4 JSPF | 36 holes |
| 1/21/05 | 5331'-5340' | 4 JSPF | 36 holes |
| 1/21/05 | 5318'-5324' | 4 JSPF | 24 holes |
| 1/21/05 | 5304'-5306' | 4 JSPF | 8 holes |
| 1/21/05 | 4150'-4160' | 4 JSPF | 40 holes |
| | | | |

NEWFIELD

Ashley Federal 5-23-9-15

1832' FNL & 510' FWL SW/NW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32480; Lease #UTU-66185

Ashley Federal 6-23-9-15

Spud Date: 06/14/2006

SE/NW Section 23-T9S-R15E

Uintah County, Utah

API #43-013-32827; Lease #UTU-66185

Attachment E-3

Initial Production:

Put on Production: 08/02/2006 Wellbore Diagram MCFD, BWPD GL: 6327' KB: 6339' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 07/28/06 5618-5634 Frac CP2 sands as follows: 34,075# 20/40 sand in 394 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1597 psi w/avg rate of 24.9 BPM. ISIP 1675 psi. Calc WEIGHT: 24# flush: 5616 gal. Actual flush: 5124 gal LENGTH: 8 jts. (309.16') 07/28/06 5248-5260° Frac LODC sands as follows: DEPTH LANDED: 321.01' KB 69,111# 20/40 sand in 543 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi HOLE SIZE: 12-1/4" w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5246 gal. Actual flush: 4788 gal. 07/28/06 5129-4997° Frac LODC, A3, & A1 sands as follows: $198,\!857\#$ 20/40 sand in 710 bbls Lightning 17 frac fluid. Treated @ avg press of 2698 psi w/avg rate of 26.7 BPM. ISIP 3150 psi. Calc flush: 5127 gal. Actual flush: 4536 gal. 07/28/06 4808-4820 Frac B.5 sands as follows: 33,850# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 2084 psi w/avg rate of 24.5 BPM. ISIP 20900 psi. Calc PRODUCTION CASING CSG SIZE: 5-1/2" Cement Top @ 275' flush: 4806 gal. Actual flush: 4326 gal. GRADE: J-55 07/28/06 4604-4612 Frac D1 sands as follows: 43,995# 20/40 sand in 375 bbls Lightning 17 WEIGHT: 15.5# frac fluid. Treated @ avg press of 1928 psi w/avg rate of 25.5 BPM. ISIP 2450 psi. Calc LENGTH: 135 jts. (5912.51') flush: 4602 gal. Actual flush: 4536 gal. DEPTH LANDED: (5925.76') KB 10/23/06 **Pump Change** Rod & Tubing detail updated. HOLE SIZE: 7-7/8' CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 4604-4612 4808-4820' TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 4980-4997' NO. OF JOINTS: 176 its (5571.35') TUBING ANCHOR: 5583.35' KB 5064-50803 NO. OF JOINTS: 2 jts (63.35') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5649.50' KB NO. OF JOINTS: 2 jts (63.27') 5129-5144 TOTAL STRING LENGTH: EOT @ 5714.32' KB 5248-52603 SN 5650' Anchor @ 55831 PERFORATION RECORD SUCKER RODS 07/28/06 5618-5634' 07/28/06 5248-5260* 4 ISPE 48 holes POLISHED ROD: 1-1/2" x 22' 07/28/06 5129-5144' 4 JSPF 60 holes SUCKER RODS: 1-8, 1-4' & 2-2' x 3/4" ponies, 100-3/4" scrapered rods, 99-07/28/06 5064-50803 4 ISPE 64 holes 3/4" plain rods, 20-3/4" scrapered rods, 6-1 1/2" weight rods. 4980-4997 07/28/06 4 JSPF 68 holes 07/28/06 4808-4820' 4 JSPF 48 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' RHAC 4604-4612 32 holes 07/28/06 STROKE LENGTH: 86" 5618-5634' PUMP SPEED: 5 SPM: EOT @ 5714' NEWFIELD PBTD @ 5904' SHOE @ 5926' Ashley Federal 6-23-9-15 TD @ 5942' 1878' FNL & 1888' FWL

Ashley Federal 7-23-9-15

Attachment E-4

Spud Date: 12-11-04 Initial Production: 12 BOPD, Injection Wellbore Put on Production: 2-4-05 102 MCFD, 2 BWPD Diagram GL: 6278' KB: 6290' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 2-1-05 5850-5860 Frac CP5 sand as follows: 35697#'s 20/40 sand in 362 bbls Lightning GRADE: J-55 17 frac fluid. Treated @ avg press of 1976 psi w/avg rate of 24-8 BPM. ISIP 3200 Calc Flush: 5848 gal. Actual Flush 5880 gals. WEIGHT: 24# LENGTH: 7 jts. (294.31') Frac CP4 sand as follows: 2-1-05 5738-5748 DEPTH LANDED:306.16' KB 38551#'s 20/40 sand in 389 bbls Lightning HOLE SIZE:12-1/4" 17 frac fluid. Treated @ avg press of 2040 psi w/avg rate of 24.9 BPM. ISIP 2080 Calc CEMENT DATA: 150 sxs Class "G" cmt, est 2 bbls cmt to surf. flush: 5734 gal. Actual flush: 5754 gal. Frac LODC, sand as follows: 14124#'s 20/40 sand in 225 bbls Lightning 2-1-05 5287-5296 17 frac fluid. Treated @ avg press of 3142 psi w/avg rate of 23.2 BPM. ISIP 3320 psi. Calc flush: 5285 gal. Actual flush: 5325 gal. 2-2-05 5096-5106' Frac LODC sand as follows: PRODUCTION CASING 24407#'s 20/40 sand in 283 bbls Lightning 17 frac fluid. Treated @ avg press of 2022 psi w/avg rate of ? BPM. ISIP 2240 psi. Calc flush: 5094 gal. Actual flush: 5094 gal. CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15,5# SN @ 4756' Frac B1 sand as follows: 2-2-05 4803-4807 Packer @ 4758' 15788#'s 20/40 sand in 215 bbls Lightning LENGTH: 132 jts. (5911.70') EOT @ 4762' 17 frac fluid. Treated @ avg press of 2250 psi DEPTH LANDED: 5910.95' KB w/avg rate of 14.4 BPM. ISIP 2375. Calc HOLE SIZE: 7-7/8" flush: 4801 gal. Actual flush: 4716 gal CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ. 5/8/06 Well converted to an Injection well. 5/23/06 MIT completed and submitted. CEMENT TOP AT: 4803-4807 5096-51063 TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 5287-52963 NO. OF JOINTS:146 jts (4744.40') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4756.40' KB TOTAL STRING LENGTH: EOT @ 4761.70' KB 5738-5748 PERFORATION RECORD 40 holes 2-1-05 5850-5860' 4 JSPF 5738-5748' 4 JSPF 40 holes 2-1-05 2-1-05 5287-5296' 4 JSPF 36 holes 2-2-05 5096-5106' 4 JSPF 40 holes 2-2-05 4803-4807' 4 JSPF 16 holes 5850-5860' NEWFIELD PBTD @ 5895' SHOE @ 5911' Ashley Federal 7-23-9-15 TD @ 5925' 1849' FNL & 2072' FEL

SW/NE Section 23-T9S-R15E Duchesne Co, Utah API #43-013-32481; Lease #UTU-66185

2-9-15 Attachment E-5

Ashley Federal 9-22-9-15

Spud Date: 2-23-05 Initial Production: 14 BOPD, Put on Production: 4-18-05 Injection Wellbore 34 MCFD, 36 BWPD Diagram GL: 6337' KB: 6349' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 3-29-05 5002-5022 Frac A1 sand as follows: 85420#'s 10/40 sand in 639 bbls Lightning 17 frac fluid. Treated @ avg press of 2430 psi w/avg rate of 24.9 BPM. ISIP 3380 psi. Calc GRADE: J-55 WEIGHT: 24# flush: 5000 gal. Actual flush: 5040 gal. LENGTH: 7 jts. (296.65') 3-29-05 4883-4895 Frac B2 sand down casing as follows: DEPTH LANDED: 308.5' KB 21052#'s 10/40 sand in 216 bbls Lightning HOLE SIZE:12-1/4" 17 frac fluid. Treated @ avg press of 2565 psi w/avg rate of 24.8 BPM. Screened out CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf. 4-4-05 4883-48953 Frac B2, sand down tubing as follows: 17639#'s 10/40 sand in 270 bbls Lightnin 19 frac fluid. Treated @ avg press of 5205 psi w/avg rate of 14.1 BPM. Screened out. 4-5-05 4631-4762 Frac C,D1, D2 sand as follows: Cement top @ 380' 44010#'s 10/40 sand in 421 bbls Lightning 19 frac fluid. Treated @ avg press of 3953 psi PRODUCTION CASING w/avg rate of 14.1BPM. ISIP 3680 psi. Calc Packer @ 3950 flush: 1411 gal. Actual flush: 1092 gal. CSG SIZE: 5-1/2" EOT @ 3954' GRADE: J-55 4-13-05 4149-4156 Frac P2 sands as follows: 5973#'s 10/40 sand in 120 bbls Lightning WEIGHT: 15.5# 19 frac fluid. Treated @ avg press of 4245 psi w/avg rate of 12.3 BPM. Screened out. LENGTH: 132 jts. (5869.98') 4007-4013' no frac Well converted to an Injection well. DEPTH LANDED: 5869.23' KB 4040-4045' no frac^{6/30/06} MIT completed and submitted. HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ. 4149-4156 CEMENT TOP AT: 380' **TUBING** 4631-4635 SIZE/GRADE/WT: 2-7/8" / J-55 NO. OF JOINTS: 126 jts (3933.93') 4668-4672 SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 3945.93' KB 4752-4762 TOTAL STRING LENGTH: EOT @ 3954.33' KB 4883-4895 5002-5022 PERFORATION RECORD 3-17-05 5002-5022" 4 JSPF 80 holes 3-29-05 4883-4895" 4 JSPF 48 holes 28 holes 3-29-05 4149-4156' 4 JSPF 24 holes not frac'd 3-29-05 4007-4013' 4 JSPF 20 holes not frac'd 3-29-05 4040-4045' 4 JSPF 16 holes 4-1-05 4631-4635" 4 ISPF 4-1-05 4668-4672 4 JSPF 16 holes 4-1-05 4752-4762' 4 JSPF 40 holes NEWFIELD PBTD @ 5831' SHOE @ 5869 Ashley Federal 9-22-9-15 1904' FSL & 636' FEL NE/SE Section 22-T9S-R15E TD @5880'

Duchesne Co, Utah API #43-013-32427; Lease #UTU-027345

Ashley Federal 12-23-9-15

Attachment E-6

Spud Date: 5-21-06 Initial Production: Put on Production: 6-27-06 Wellbore Diagram MCFD, BWPD GL: 6435' KB: 6447' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 06-19-06 5466-54853 Frac LODC sands as follows: 35309# 20/40 sand in 405 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2118 psi w/avg rate of 25.1 BPM. ISIP 2230 psi. Calc flush: 5464 gal. Actual flush: 4998 gal. WEIGHT: 24# Cement top @ 270' LENGTH: 7 jts (305.73') Frac LODC sands as follows: 06-20-06 5268-5376 DEPTH LANDED: 317.58' KB 82289# 20/40 sand in 718 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2580 psi w/avg rate of 27.8 BPM. ISIP 2688 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. flush: 5266 gal. Actual flush: 4746 gal. 06-20-06 5019-50543 Frac A 1 sands as follows: 70997# 20/40 sand in 556 bbls Lightning 17 frac fluid. Treated @ avg press of 2435 psi w/avg rate of 30.8 BPM. ISIP 2580 psi. Calc flush: 5017 gal. Actual flush: 4494 gal. PRODUCTION CASING 06-20-06 4785-4795 Frac C sands as follows: CSG SIZE: 5-1/2' 40577# 20/40 sand in 368 bbls Lightning 17 frac fluid. Treated @ avg press of 2372 w/ GRADE: J-55 avg rate of 24.9 BPM. ISIP 2580 psi. Calc WEIGHT: 15.5# flush: 4783 gal. Actual flush: 4032 gal. LENGTH: 140 jts. (6055.96') 06-20-06 4132-4156' Frac GB6 sands as follows: DEPTH LANDED: 6069.21' KB 45187# 20/40 sand in 393 bbls Lightning 17 frac fluid. Treated @ avg press of $1642~\mathrm{w/}$ avg rate of 25.2 BPM. ISIP 2580 psi. Calc flush: 4130 gal. Actual flush: 4032 gal. HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. 4132-4140 CEMENT TOP AT: 270' 4149-4156* 4785-4795 TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 5019-5024 NO. OF JOINTS: 172 jts (5430.80') 5034-5054* TUBING ANCHOR: 5442.80' KB NO. OF JOINTS: 1 jts (63.05') SEATING NIPPLE: 2-7/8" (1.10') 5268-52833 SN LANDED AT: 5508.75' KB 5339-5351' NO. OF JOINTS: 2 jts (63.15') TOTAL STRING LENGTH: EOT @ 5573.35' KB 5363-5376 Anchor @ 5443' PERFORATION RECORD SUCKER RODS SN 5509' 5466-5485' 76 holes 06-15-06 5466-5485' 4 JSPF 5363-5376' 4 JSPF 52 holes 06-19-06 POLISHED ROD: 1-1/2" x 22' SM 06-19-06 5339-53511 4 JSPF 48 holes SUCKER RODS: 2' X ¾" pony rods, 100- ¾" scapered rods, 104- ¾" plain 06-19-06 5268-5283' 60 holes rods, 10-34" scapered rods, 6-11/2" weight rods. 06-20-06 5034-5054" 4 JSPF 80 holes PUMP SIZE: 2-1/2" x 1-1/2" x 13' x 15' RHAC w/SM plunger 06-20-06 5019-5024' 4 JSPF 20 holes STROKE LENGTH: 86" 06-20-06 4785-47951 4 JSPF 40 holes PUMP SPEED, SPM: 5 SPM 06-20-06 4149-4156' 4 JSPF 28 holes 06-20-06 4132-4140' 4 JSPF 32 holes EOT @ 5573' NEWFIELD PBTD @ 5791' SHOE @ 5836' Ashley Federal 12-23-9-15 TD @ 6070' 1950' FSL & 623' FWL NW/SW Section 23-T9S-R15E

Duchesne Co, Utah API #43-013-32830; Lease #UTU-02458

Ashley Federal #10-23-9-15

Spud Date: 6/7/1995 Initial Production: BOPD, Put on Production: 12/21/1995 Wellbore Diagram MCFD, BWPD GL: 6406' KB: 6420' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 12/7/95 5814'-5822' Frac CP3 sands as follows: 54,500# 20/40 sand in 547 bbls Boragel fluid. Treated @ avg press of 2200 psi w/avg GRADE: J-55 WEIGHT: 24# rate of 26 BPM. ISIP 2078 psi. Calc flush: 5814 gal. Actual flush: 5747 gal. LENGTH: 7 jts. (296.05') 12/9/95 5206'-5259' LDC sands as follows: DEPTH LANDED: 294,75' KB 113,300# 20/40 sand in 31,357 gal. Boragel fluid. HOLE SIZE:12-1/4" ISIP 2445 psi. Calc flush: 5206' gal. Actual flush: 5156 gal. CEMENT DATA: 130 sxs Class "G" cmt. 12/12/95 4968'-4977' Frac A sands as follows: 21,200# 20/40 sand in 12,028 gal. Boragel fluid. ISIP 2291 psi. Calc flush: 4968' gal. Actual flush: 4860 gal. 12/14/95 4884'-4889' Frac B sands as follows: 25,000# 20/40 sand in 287 bbls Boragel fluid. Treated @ avg press of 2060 psi w/avg rate of 18 BPM. ISIP 2354 psi. Calc flush: 4886 gal. Actual flush: 4799 gal. PRODUCTION CASING CSG SIZE: 5-1/21 Frac C/D sands as follows: GRADE: K-55 12/16/95 4740'-4796' 92,600# 20/40 sand in 640 bbls Boragel WEIGHT: 15.5# fluid. Treated @ avg press of 2100 psi w/avg LENGTH: 140 jts. (6047.14') rate of 36 BPM. ISIP 2170 psi. Calc flush: 4740 gal. Actual flush: DEPTH LANDED: 6045.48' KB HOLE SIZE: 7-7/8" 7/29/99 Tubing Leak. Update tubing and rod detail. CEMENT DATA: 240 sxs HiFill & 333 sxs Class G cmnt. w/10% Calseal. 3/2/04 Stuck Pump. Update rod details. CEMENT TOP AT: 2364' CBL TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 183 jts (5758.04') 4740'-4756 TUBING ANCHOR: 5771.04' KB NO. OF JOINTS: 1 jt (31.64') 4788'-4796' SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5805.48' KB 4884'-4889' NO. OF JOINTS: 2 jts. (63.28') TOTAL STRING LENGTH: EOT @ 5870.30' KB 4968'-4977' PERFORATION RECORD SUCKER RODS 5814'-5822' 4 JSPF 5206'-5218' 44 holes 12/8/95 5234'-5259' 4 JSPF POLISHED ROD: 1-1/2" x 22' polished 12/8/95 5206'-5218' 92 holes 5234'-5259' SUCKER RODS: 1-2' x 3/4" pony rod, 4-1 3/8" weight bars; 100-3/4" 12/10/95 4968'-4977' 4 JSPF 36 holes scrapered rods; 111-3/4" plain rods, 14-3/4" scrapered rods, 2-1 1/2" wt bars. 12/13/95 4884'-4889' 4 JSPF 20 holes PUMP SIZE: 2-1/2" x 1-1/4" x 11 RHAC 32 holes 12/15/95 4788'-4796' 4 JSPF STROKE LENGTH: 64" 12/15/95 4740'-4756' 4 JSPF 64 holes PUMP SPEED, SPM: 4 SPM Anchor @ 5771' LOGS: DIGL/SP/GR/CAL SN @ 5805' 5814'-5822' EOT @ 5870' Top of Fill 5939' Inland Resources Inc. PBTD @ 6001' Ashley Federal #10-23-9-15 SHOE @ 6045' 1770' FSL & 2026' FEL TD @ 6048' NW/SE Section 23-T9S-R15E Duchesne Co, Utah

API #43-013-31519; Lease #UTU-66185

Ashley Federal 9-23-9-15

Spud Date:2-21-05 Initial Production: 34 BOPD, Put on Production: 4-18-05 Injection Wellbore 5 MCFD, 33 BWPD Diagram GL: 6323' KB: 6335' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 4-12-05 5592-5676 FracCP 2 & CP3 sand as follows: 29578#'s 20/40 sand in 335 bbls Lightni GRADE: J-55 17 frac fluid. Treated @ avg press of 1548 psi w/avg rate of 24.2 BPM. ISIP 1880. Calc. WEIGHT: 24# flush: 5590, Actual flush: 5628 LENGTH: 7 jts. (301.4') Frac CP1 & CP.5 sand as follows: 4-13-05 5466-5488* DEPTH LANDED: 311.4' KB 24612#'s 20/40 sand in 302 bbls Lightning HOLE SIZE:12-1/4" 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 23.3 BPM. ISIP 2220 Calc Actual flush: 5502 gal. CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. flush: 5464 gal. Frac LODC, sand as follows: 90073#'s 20/40 sand in 662 bbls Lightning 4-13-05 5091-5223* 17 frac fluid. Treated @ avg press of 2193 psi w/avg rate of 24.2 BPM. ISIP 2480 psi. Calc SN @ 4595' Packer @ 4600 flush: 5089 gal. Actual flush: 5082 gal. EOT @ 4604' 4-13-05 4685-4737' Frac C & D3 sand as follows: PRODUCTION CASING 37289#'s 20/40 sand in 355 bbls Lightning 17 frac fluid. Treated @ avg press of 2018 psi w/avg rate of 24.9 BPM. ISIP 2320 psi. Calc CSG SIZE: 5-1/2" 4685-4690' GRADE: J-55 flush: 4683 gal. Actual flush:4578 gal. WEIGHT: 15.5# 4733-4737 5/25/06 Well converted to an Injection well. LENGTH:142 jts. (5975.48') 5091-50981 6/8/06 MIT completed and submitted. DEPTH LANDED: 5976.73' KB 5170-5178 HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem, Lite II & 450 sxs 50/50 POZ. 5214-5223' CEMENT TOP AT: 56' 5466-5470' TUBING 5484-5488' SIZE/GRADE/WT · 2-7/8" / J-55 NO. OF JOINTS: 138 jts (4583.05') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4595.05' KB 5592-5600 TOTAL STRING LENGTH: EOT @ 4603.55' KB 5646-56521 5670-5676 PERFORATION RECORD 4-12-05 5592-5600' 4 JSPF 32 holes 4-12-05 5646-5652' 4 JSPF 24 holes 4-12-05 5670-5676 4 JSPF 24 holes 4-13-05 5466-5470' 4 JSPF 16 holes 4-13-05 5484-5488' 4 JSPF 16 holes 4-13-05 5091-5098 4 JSPF 28 holes 4-13-05 5170-5178' 4 JSPF 32 holes 4-13-05 5214-5223° 4-13-05 4685-4690° 4 JSPF 36 holes 20 holes 4 JSPF 4-13-05 4733-4737 4 JSPF 16 holes NEWFIELD PBTD @ 5928' SHOE @ 5977' Ashlev Federal 9-23-9-15

TD @ 5980'

2050' FSL & 726' FEL NE/SE Section 23-T9S-R15E Duchesne Co, Utah API #43-013-32426; Lease # UTU-02458

Ashley Federal 13-23-9-15

Spud Date: 12-4-06 Put on Production: 1-29-07 GL: 6403' KB: 6415'

Duchesne Co, Utah
API # 43-013-32816; Lease # UTU-66185

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

FRAC JOB 01-23-07 5600-5614' Frac CP3 sands as follows: 30784# 20/40 sand in 414 bbls Lightning 17 frac fluid. Treated @ avg press of 2102 psi w/avg rate of 24.6 BPM. ISIP 2125 psi. Calc SURFACE CASING CSG SIZE: 8-5/8" flush: 5598 gal. Actual flush: 5103 gal. Cement top @ 170' GRADE: J-55 01-23-07 5368-5394' Frac LODC sands as follows: 60740# 20/40 sand in 502 bbls Lightning 17 WEIGHT: 24# frac fluid. Treated @ avg press of 1938 psi w/avg rate of 24.6 BPM. ISIP 2000 psi. Calc LENGTH: 7 its (297.96') flush; 5366 gal. Actual flush; 4855 gal. DEPTH LANDED: 308.86' KB HOLE SIZE:12-1/4" 01-23-07 5037-5048 Frac A 3 sands as follows: CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. 20923# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 2463 psi w/avg rate of 14.4 BPM. ISIP 2650 psi. Calc flush: 5035 gal. Actual flush: 4540 gal. PRODUCTION CASING 01-24-07 4824-48313 Frac B2 sands as follows: CSG SIZE: 5-1/2" $20433\#\ 20/40$ sand in 300 bbls Lightning 17GRADE: J-55 frac fluid. Treated @ avg press of 2235 w/ avg rate of 24.5 BPM. ISIP 2070 psi. Calc WEIGHT: 15.5# flush: 4822 gal. Actual flush: 4318 gal. LENGTH: 131 jts. (5888.22') 01-24-07 4626-5709 Frac C, &D3 sands as follows: DEPTH LANDED: 5901.47' KB 35620# 20/40 sand in 407 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 w/ HOLE SIZE: 7-7/8" avg rate of 24.5 BPM. ISIP 2080 psi. Calc CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. flush: 4624 gal. Actual flush: 4179 gal. CEMENT TOP AT: 170' Frac D1 sands as follows: 01-24-07 4539-4557 30813# 20/40 sand in 370 bbls Lightning 17 frac fluid. Treated @ avg press of 2335 w/ avg rate of 24.5 BPM. ISIP 2150 psi. Calc **TUBING** flush: 4537 gal. Actual flush: 3994 gal. SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 01-24-07 4014-40263 Frac GB6 sands as follows: NO. OF JOINTS: 177 jts (5578') 20707# 20/40 sand in 300 bbls Lightning 17 TUBING ANCHOR: 5590' KB frac fluid. Treated @ avg press of 2224 w/ avg rate of 24.5 BPM. ISIP 1750 psi. Calc NO. OF JOINTS: 1 jts (31.60') flush: 4012 gal. Actual flush: 3952 gal. SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5624.40' KB NO. OF JOINTS: 2 its (63.24') 4014-4026 TOTAL STRING LENGTH: EOT @ 5689.19' KB 4539-4557 4626-4635 PERFORATION RECORD SUCKER RODS 4700-4709 01-10-07 5600-5614' 4 JSPF 5368-5394' 01-23-07 4 ISPE 104 holes POLISHED ROD: 1-1/2" x 22' SM 4824-4831 01-23-07 5037-5048' 44 holes SUCKER RODS: 1-2' x 3" pony rods, 99-3" scrapered rods, 109-3" plain 01-24-07 4824-4831' 4 JSPF 28 holes rods, 10- 3/2" scrapered rods, 6- 1 1/2" weight rods. 5037-50483 01-24-07 4700-47093 4 JSPF PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger 01-24-07 4626-4635' 4 JSPF 36 holes STROKE LENGTH: 82" 01-24-07 4539-4557 72 holes 4 JSPF 5368-5394 PUMP SPEED, SPM: 6 SPM 01-24-07 4014-4026' 4 JSPF 48 holes Anchor @ 5590' 5600-5614' SN @ 5624' EOT @ 5689' NEWFIELD PBTD @ 5856* SHOE @ 5901' Ashley Federal 13-23-9-15 TD @ 5930' 660' FSL & 660' FWL SW/SW Section 23-T9S-R15E

Attachment E-10

CB 04/11/07

Ashley Federal 14-23-9-15

Spud Date:06/28/2006 Initial Production: BOPD. Put on Production: 08/09/06 Wellbore Diagram MCFD, BWPD GL: 6382' KB: 6394' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 08-01-06 5765-5777 Frac CP5 sands as follows: 24,586# 20/40 sand in 376 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2484 psi w/avg rate of 25.3 BPM. ISIP 2415 psi. Calc WEIGHT: 24# flush: 5763 gal. Actual flush: 5250 gal. LENGTH: 7 jts. (310.49') Frac LODC sands as follows: 08-01-06 5368-5374' DEPTH LANDED: 322,34' KB 19,944# 20/40 sand in 303 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2225 psi w/avg rate of 25.1 BPM. ISIP 2230 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5366 gal. Actual flush: 4914 gal. Frac LODC sands as follows: 08-02-06 5138-5156' 80,509# 20/40 sand in 601 bbls Lightning 17 frac fluid. Treated @ avg press of 2160 psi w/avg rate of 25.2 BPM. ISIP 2680 psi. Calc Cement Top @ 270' flush: 5136 gal. Actual flush: 4620 gal. Frac B2 sands as follows: 08-02-06 4814-4824" 24,626# 20/40 sand in 315 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 2157 ps w/avg rate of 25.2 BPM. ISIP 1860 psi. Calc CSG SIZE: 5-1/2' flush: 4812 gal. Actual flush: 4326 gal. Frac C &D3 sands as follows: GRADE: J-55 08-02-06 4706-46853 WEIGHT: 15.5# 54,787# 20/40 sand in 451 bbls Lightning 17 frac fluid. Treated @ avg press of 1657 psi w/avg rate of 25.3 BPM. ISIP 1540 psi. Calc LENGTH: 135 its. (5904.11') flush: 4704 gal, Actual flush: 4200 gal. DEPTH LANDED: 5917.90' KB Frac D1 sands as follows: 08-04-06 4566-4583 HOLE SIZE: 7-7/8" 176,650# 20/40 sand in 1162 bbls Lightning 17 frac fluid. Treated @ avg press of 1722 psi w/avg rate of 25.2 BPM. ISIP 1860 psi. Calc CEMENT DATA: 305 sxs Prem. Lite II mixed & 452 sxs 50/50 POZ. flush: 4564 gal. Actual flush: 4452 gal. 03/22/07 Pump Change. Update rod and tubing details. TUBING SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 181 its (5731.01') TUBING ANCHOR: 5743.01' KB NO. OF JOINTS: 1 jts (31.75') SEATING NIPPLE: 2-7/8" (1.10') 4566-4583 SN LANDED AT: 5777.56' KB 4678-4685 NO. OF JOINTS: 1 its (31.75') TOTAL STRING LENGTH: EOT @ 5810.86' KB 4706-4713 4814-48247 PERFORATION RECORD SUCKER RODS 07-21-06 5765-5777 4 JSPF 48 holes 08-01-06 5368-5374" 4 JSPF 24 holes 5138-5156 POLISHED ROD: 1-1/2" x 22' SM 08-01-06 5138-5156' 4 JSPF 72 holes SUCKER RODS: 1-8, 1-4' & 1-2' x 1/2" ponies, 99-3/4" scrapered rods, 115-08-02-06 4814-4824" 4 JSPF 40 holes 3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods. 5368-5374 08-02-06 4706-4713' 4 JSPF 28 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15' RHAC 08-02-06 4678-4685' 4 ISPF 28 holes STROKE LENGTH: 86" 08-02-06 4566-4583' 4 JSPF PUMP SPEED, 4.5 SPM: Anchor @ 5743' SN 5778' EOT @ 5811' PBTD @ 5896' NEWFIELD SHOE @ 5918' Ashley Federal 14-23-9-15 TD @ 5930' 751' FNL & 1957' FWL SE/SW Section 23-T9S-R15E Duchesne Co, Utah

API #43-013-32817; Lease #UTU-66185

Ashley Federal 15-23-9-15

Spud Date: 06/06/06 Put on Production: 07/12/06

Ashley Federal 15-23-9-15

743' FSL & 1837' FEL
SW/SE Section 23-T9S-R15E
Duchesne Co, Utah
API #43-013-32831; Lease #UTU-66185

K.B.: 6373, G.L.: 56361

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

FRAC JOB 07/06/06 5718-5730 Frac CP4, sands as follows: $29821\#\,20/40$ sand in 375 bbls Lightning 17 SURFACE CASING frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25.1 BPM. ISIP 1480 psi, Calc CSG SIZE: 8-5/8" flush: 5728 gal. Actual flush: 5212 gal. Cement top @ 120' GRADE: J-55 07/07/06 5456-5472 Frac CP1 sands as follows: WEIGHT: 24# 60199# 20/40 sand in 491 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 25.1 BPM. ISIP 2150 psi. Calc LENGTH: 7 jts. (305.56') flush: 5470 gal. Actual flush: 4944 gal. DEPTH LANDED: 317.41' KB Frac LODC sands as follows: 07/07/06 5064-51863 HOLE SIZE:12-1/4" 246738# 20/40 sand in 1669 bbls Lightning17 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. frac fluid. Treated @ avg press of 2553 psi w/avg rate of 40 BPM. ISIP 2675 psi. Calc flush: 5184 gal. Actual flush: 4965 gal. PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 146 jts. (5945.28') DEPTH LANDED: 5958.53' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 520 sxs 50/50 POZ. CEMENT TOP AT: 120' TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 180 jts (5696.90') TUBING ANCHOR: 5708.90' KB NO. OF JOINTS: 1 jts (31.75') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5743.45' KB NO. OF JOINTS: 2 its (63.34') TOTAL STRING LENGTH: EOT @ 5808.34' KB 5064-50693 PERFORATION RECORD SUCKER RODS 5112-5120' 06/29/06 5718-5730' 07/06/06 5456-5472' 4 ISPE 64 holes 5134-5166' POLISHED ROD: 1-1/2" x 22' SM 07/07/06 5177-5186' 36 holes 5177-51863 SUCKER RODS: 2-8,1-2', 1-4' x 3/4" pony rod, 98-3/4" guided rods,114-3/4" 07/07/06 5134-5166' 4 JSPF 128 holes plain rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods. 07/07/06 5112-5120' 4 JSPF 32 holes 20 holes PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger 07/07/06 5064-5069 4 JSPF 5456-5472 STROKE LENGTH: 74" PUMP SPEED, 5 SPM: Anchor @ 5708' 5718-5730' SN @ 5743' EOT @ 5808' NEWFIELD PBTD @ 5937' SHOE @ 5958'

TD @ 5985'



Attachment F 10f 4 Analysis: 41375

Water Analysis Report from Baker Petrolite

| | Summary of Mixing Wa | ters |
|-------------------------|----------------------|----------------------|
| Sample Number | 389461 | 384240 |
| Company | NEWFIELD EXPLORATION | NEWFIELD EXPLORATION |
| | | |
| Lease | JOHNSON WATER | ASHLEY FACILITY |
| Well | PUMP STATION 2 | 11-23-9-15 |
| Sample Location | PUMP DISCHARGE | WELLHEAD |
| • | | |
| Anions (mg/L) | | , |
| Chloride ` | 17.0 | 7,931 |
| Bicarbonate | 319 | 793 |
| Carbonate | 0.00 | 100 |
| Sulfate | 89.0 | 3.00 |
| Phosphate | 0.00 | 0.00 |
| Borate | 0.00 | 0.00 |
| Silicate | 0.00 | 0.00 |
| Cations (mg/L) | | |
| Sodium | 85.9 | 5,438 |
| Magnesium | 22.0 | 12.0 |
| Calcium | 40.0 | 23.0 |
| Strontium | 0.20 | 9.00 |
| Barium | 0.20 | 4.00 |
| Iron | 0.10 | 2.00 |
| Potassium | 0.20 | 43.0 |
| Aluminum | 0.00 | 0.00 |
| Chromium | 0.00 | 0.00 |
| Copper | 0.00 | 0.00 |
| Lead | 0.00 | 0.00 |
| Manganese | 0.03 | 0.05 |
| Nickel | 0.00 | 0.00 |
| Anion/Cation Ratio | 1.00 | 1.00 |
| TDS (mg/L) | 574 | 14,358 |
| Density (g/cm) | 1.00 | 1.01 |
| | | |
| Sampling Date | 1/10/07 | 2/13/07 |
| Account Manager | RANDY HUBER | RANDY HUBER |
| Analyst | LISA HAMILTON | LISA HAMILTON |
| Analysis Date | 1/17/07 | 1/26/07 |
| pH at time of sampling | | |
| pH at time of analysis | 8.16 | 8.54 |
| pH used in Calculations | 8.16 | 8.54 |



Attachment F 2 of 4 Analysis: 41375

Water Analysis Report from Baker Petrolite

Mixes at 140°F and 0 psi

| Pro | ediction | s of Cal | rbon Dioxide Pre | essure, Saturatio | | ount of Scale in | Predictions of Carbon Dioxide Pressure, Saturation Index and Amount of Scale in lb/1000bbl | | | | | | | | | | | | |
|--------|----------|-----------------|------------------------------|----------------------|--------------------------------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mix W | aters | CO ₂ | Calcite CaCO ₃ | Gypsum CaSO₄•2H₂O | Anhydrite CaSO ₄ | Celestite SrSO ₄ | Barite BaSO ₄ | | | | | | | | | | | | |
| 389461 | 384240 | psi | Index Amount | Index Amount | Index Amount | Index Amount | Index Amount | | | | | | | | | | | | |
| 100% | 0% | 0.09 | 1.01 16.3 | -1.87 | -1.70 | -2.38 | 0.28 0.06 | | | | | | | | | | | | |
| 90% | 10% | 0.09 | 0.98 16.9 | -2.14 | -1.97 | -1.88 | 0.51 0.24 | | | | | | | | | | | | |
| 80% | 20% | 0.09 | 0.95 17.9 | -2.34 | -2.17 | -1.79 | 0.56 0.41 | | | | | | | | | | | | |
| 70% | 30% | 0.10 | 0.92 18.6 | -2.52 | -2.35 | -1.77 | 0.56 0.57 | | | | | | | | | | | | |
| 60% | 40% | 0.11 | 0.88 | -2.68 | -2.51 | -1.79 | 0.53 0.72 | | | | | | | | | | | | |
| 50% | 50% | 0.12 | 0.84 18.6 | -2.85 | -2.68 | -1.83 | 0.48 0.83 | | | | | | | | | | | | |
| 40% | 60% | 0.13 | 0.80 18.1 | -3.02 | -2.85 | -1.90 | 0.41 0.88 | | | | | | | | | | | | |
| 30% | 70% | 0.15 | 0.76 17.2 | -3.21 | -3.04 | -2.00 | 0.31 0.84 | | | | | | | | | | | | |
| 20% | 80% | 0.16 | 0.72 16.2 | -3.44 | -3.27 | -2.13 | 0.17 0.58 | | | | | | | | | | | | |
| 10% | 90% | 0.18 | 0.68 15.1 | -3.75 | -3.58 | -2.36 | -0.06 | | | | | | | | | | | | |
| 0% | 100% | 0.19 | 0.64 13.8 | -4.41 | -4.23 | -2.94 | -0.64 | | | | | | | | | | | | |

Note 1: The amount of scale indicates the severity of the problem. The saturation index (SI) indicates how difficult it is to control the problem.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO₂ pressure is the calculated CO₂ fugacity. It is usually nearly the same as the CO₂ partial pressure.



AHachment F 3 of 4 Analysis: 41375

Water Analysis Report by Baker Petrolite

NEWFIELD EXPLORATION

ASHLEY FACILITY 11-23-9-15 WELLHEAD Account Manager RANDY HUBER

| Summary | , | Ana | alysis o | f Samp | ole 384240 @ 75 | 5° F | |
|-----------------------------|---------------|------------------------|----------|--------|-----------------|-------------|-------|
| Sampling Date | 2/13/07 | Anions | mg/l | meq/l | Cations | mg/l | meq/l |
| Analysis Date | 1/26/07 | Chloride | 7931 | 224 | Sodium | 5438 | 237 |
| Analyst | LISA HAMILTON | Bicarbonate | 793 | 13.0 | Magnesium | 12.0 | 0.99 |
| | | Carbonate | 100 | 3.33 | Calcium | 23.0 | 1.15 |
| TDS (mg/l or g/m³) | 14357.7 | Sulfate | 3.00 | 0.06 | Strontium | 9.00 | 0.21 |
| Density (g/cm³ or tonne/m³) | 1.010 | Phosphate | N/A | N/A | Barium | 4.00 | 0.06 |
| Anion/Cation Ratio | 1.00 | Borate | N/A | N/A | Iron | 2.00 | 0.07 |
| | | Silicate | N/A | N/A | Potassium | 43.0 | 1.10 |
| | | | | | Aluminum | N/A | N/A |
| | | | | | Chromium | N/A | N/A |
| | | | | | Copper | N/A | N/A |
| | | pH at time of sampling | | | Lead | N/A | N/A |
| | | pH at time of analysis | | 8.54 | Manganese | 0.05 | 0.00 |
| | • | pH used in Calculatio | ns | 8.54 | Nickel | N/A | N/A |

Specific ion interactions calculated only for ions in bold faced type.

| Cond | itions | Values Ca | Iculated at the G | iven Conditions | - Amounts of Sc | ale in lb/1000bb | M: |
|-------|-----------------|-------------------|--|--------------------------------|---------------------|-----------------------------|--------------------------|
| Temp. | Gauge Press. | Calcite CaCO ₃ | Gypsum CaSO ₄ •2H ₂ O | Anhydrite CaSO ₄ | Celestite SrSO 4 | Barite BaSO ₄ | Calc. CO ₂ |
| °F | psi | Index Amount | Index Amount | Index Amount | Index Amount | Index Amount | psi |
| 80 | 0. | 0.76 14.7 | -4.39 | -4.45 | -3.00 | -0.25 | 0.03 |
| 100 | 0. | 0.71 14.3 | -4.40 | -4.40 | -2.99 | -0.40 | 0.06 |
| 120 | 0. | 0.67 14.0 | -4.41 | -4.33 | -2.97 | -0.53 | 0.11 |
| 140 | 0. | 0.64 13.8 | -4.41 | -4.23 | -2.94 | -0.64 | 0.19 |

Note 1: The amount of scale indicates the severity of the problem. The saturation index (SI) indicates how difficult it is to control the problem.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO₂ pressure is the calculated CO₂ fugacity. It is usually nearly the same as the CO₂ partial pressure.

Attachment F 40f4

Rocky Mountain Region 1675 Broadway, Sullio 1500

> Denver, CO 80202 (303) 573-2772

Lab Team Leader - Shella Hernandez

(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:

NEWFIELD EXPLORATION

Sales RDT:

44206

Region:

ROCKY MOUNTAINS

Account Manager: RANDY HUBER (435) 823-0023

Area:

MYTON, UT

Sample #:

389460

Lease/Platform:

ASHLEY FACILITY

Analysis ID#:

67486

Entity (or well #):

INJECTION SYSTEM

Analysis Cost:

\$80,00

Formation:

UNKNOWN

Sample Point:

TRIPLEX SUCTION

| Summary | | Analysis of Sample 389460 @ 75 "F | | | | | | | |
|----------------------------------|-------------------------|-----------------------------------|-------|------------|-------|-------|--|--|--|
| Sampling Date: 1/10/07 | Anions | mg/l | med√l | Cations | mg/l | meq/l | | | |
| Analysis Date: 1/17/07 | Chloride: | 797.0 | 22.48 | Sodium: | 845.1 | 36,76 | | | |
| Analyst: LISA HAMILTON | Bicarbonate: | 868.0 | 14.06 | Magnesium: | 21.0 | 1.73 | | | |
| | Carbonate: | 0.0 | 0. | Calcium: | 45.0 | 2.25 | | | |
| TDS (mg/l or g/ma): 2790.1 | Sulfate: | 214.0 | 4.46 | Strontium: | 1.0 | 0.02 | | | |
| Density (g/cm3, tonne/m3): 1.001 | Phosphato: | | | Barium: | 1.0 | 0.01 | | | |
| Anion/Cation Ratio: 0,9999998 | Borate: | | | iron: | 2.0 | 0,07 | | | |
| | Silicate: | | | Potassium: | 6.0 | 0.15 | | | |
| • | | | | Aluminum: | | | | | |
| Carbon Dioxide: | Hydrogen Sulfide: | | | Chromium: | | | | | |
| Oxygen: | pH at time of sampling: | ** | | Copper: | | | | | |
| Comments: | , | | | Lead; | | | | | |
| | pH at time of analysis: | | 8.08 | Manganese: | 0.040 | 0. | | | |
| | pH used in Calculation; | | B.06 | Nickel: | | , | | | |
| | | | | | | | | | |

| Condi | ltions | | Values C | alculated | at the Give | n Conditi | ons - Amou | nts of Sc | ale in 16/109 | 1dd 00 | | · |
|----------------------|--------|----------------------------|----------|---------------------------|-------------|----------------------------|------------|----------------------------|-----------------------------|--------|--------------------------|------|
| Temp Gauge Press. | 1 . | alcite aCO ₃ | | sum 42H ₂ 0 | ı | ydrite aSO ₄ | | estite rSO ₄ | Barite BaSO ₄ | | CO ₂ Press | |
| °F | psi | Index | Amount | Index | Amount | Index | Amount | Index | Amount | Index | Amount | psi |
| 80 | Ö | 0.90 | 22.37 | -1.77 | 0.00 | -1,84 | 00.0 | -1,69 | 0,00 | 1.41 | 0.70 | 0.1 |
| 100 | 0 | 0.97 | 25.17 | -1.78 | 0.00 | -1.78 | 0.00 | -1.68 | 0.00 | 1.27 | 0.70 | 0.15 |
| 120 | 0 | 1.04 | 27.61 | -1.77 | 0.00 | -1.70 | 00.00 | -1.65 | . 00,00 | 1.16 | 0.70 | 0.22 |
| 140 | 0 | 1.12 | 30,06 | -1,76 | 0.00 | -1.60 | 0.00 | -1.61 | 0.00 | 1.07 | 0.70 | 0,31 |

Note 1: When assessing the severity of the scale problem, both the saturation Index (SI) and amount of scale must be considered.

Note 2; Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Attachment "G"

Ashley Federal #11-23-9-15 Proposed Maximum Injection Pressure

| Frac i | interval | | | Calculated Frac | | |
|--------|----------|------------|-------|--------------------|--------|--|
| (fe | eet) | Avg. Depth | ISIP | Gradient | | |
| Тор | Bottom | (feet) | (psi) | (psi/ft) | Pmax | |
| 5210 | 5185 | 5198 | 2160 | 0.85 | 2126 | |
| 4972 | 4916 | 4944 | 2150 | 0.87 | 2118 ← | |
| 4782 | 4773 | 4778 | 2175 | 0.89 | 2144 | |
| 4652 | 4586 | 4619 | 2175 | 0.90 | 2145 | |
| | | | | Minimum | 2118 | |

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1 1 of 5

| WELL N | AME: | Ashley Fed | eral 11-23-9-15 | Re | port Date: _ | 7-1 | 2-06 | | | Day: 01 |
|---|-------------|---------------------------------------|---------------------------------------|---|---|------------|---|------------------|----------|-------------|
| Ope | ration: | Completi | on | | | | Rig: _ | Rigle | ess | |
| | | | | WELL ST | ATUS | | | | | |
| Surf Csg: | 8-5/8 | @ 323' | Pr | od Csg: | | @ _ | 5941' | _ | | 5886"WL |
| Tbg: | Size: | W | t:Grd | l: | Pkr/EO | т @: | | BP/Sand P | BTD: | |
| | | | PER | FORATIO | N RECORD | | | | | |
| Zone | | Perfs | SPF/#sho | | Zon | | | <u>Perfs</u> | | SPF/#shots |
| | | | | | LODC | | 5185-5 | | , | 4/48 |
| *************************************** | | | | | LODC | <u>sds</u> | 5204-5 | 210' | | 4/24 |
| | | | | | *************************************** | | Marie Control of the | | | |
| | | | : | | | | | | | |
| | | | | | | | | | | |
| | | | CHRON | OLOGICA | L OPERATI | ONS | <u> </u> | | | |
| Date Work | Perfo | rmed: | 11-Jul-06 | | | | SITP: | S | ICP: | 0 |
| Instal 5M | frac h | ead NU 6" 5M | 1 Cameron BOP. | RU H/O 1 | truck & pres | sure te | est casing, | blind rams, | frac | head, csg |
| casing valv | es to 4 | 500 psi. RU P | erforators LLC WI | LT w/ mas | t & run ĊBL | under | pressure. \ | NLTD @ 58 | 386' 8 | cement to |
| @ 70' Pe | rforate | stage #1 LOD | C sds @ 5204-10 |)'. 5185-9 <mark>7</mark> | " w/ 4" Port | auns (| 19 gram, .4 | 6"HE. 120° |) w/ 4 | spf for tot |
| | | bls EWTR. SIF | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | J (| | | • | • |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | • | | | | | | |
| | | | | | | | | | | |
| | <u> </u> | | FLUI | D RECOV | ERY (BBLS | 5) | | | | |
| _ | | to be recovered | | _ | oil rec to da | | | <u>.</u> | | |
| Fluid lost/r | | | 0 | | recovered to recovered: | oday: _ | | | • | |
| Ending flui | a to be | recovered: | 140 FTP: | | recovered. | Final F | luid Rate: | | Final o | oil cut: |
| | | | | | | | | COSTS | <u> </u> | |
| Daga Elwid | | | ATION DETAIL Job Type: | | | | Weathe | erford BOP | 2 | \$450 |
| Company: | useu. | | Job Type | | | | | C NU crew | | \$30 |
| | or Faui | pment detail: | | | | | ND | SI trucking | | \$80 |
| Troccaure | Or Equi | priioni dotaiii | | | V | | Perfo | rators LLC | | \$6,41 |
| | | | · · · · · · · · · · · · · · · · · · · | | | | | rilling cost | | \$276,86 |
| | | | | | | | | ate Hot Oil | | \$52 |
| | | | | | | | | reparation | | \$30 |
| | | | | | | - | · | C wellhead | | \$1,50 |
| | | | | | | | | - anchors | | \$1,20 |
| | | | | | · | | | Overhead | | \$3,00 |
| | | · · · · · · · · · · · · · · · · · · · | | | | | ************************************** | Supervisor | | \$30 |
| | | May Deta: | Total flui | d pmpd: | | | INFO | oupei visui | | Ψου |
| Max TP Avg TP | | Max Rate: | Total Pro | | | | , , , <u>, , , , , , , , , , , , , , , , </u> | | | |
| AVG TP | | 5 min: | Total F10 | | FG: | | DAILY CO | DST: | | \$291,65 |
| | | upervisor: | Ron Shuck | | ***** | | TOTAL WE | | | \$291,65 |

Completion Supervisor:

Ron Shuck



Attachment G-1 20f5

| WELL N | IAME: | Α | shley Fede | ral 11-23-9-15 | Re | port Date: | : <u> </u> | -18-06 | | Day: | 2a |
|------------------------------|----------|--|---|---|-------------|---|----------------|--|------------------|-------------|-------------|
| Ope | ration: | | Completio | n | | | | Rig: | Rigless | | , |
| , , | | | | W | ELL ST | TATUS | | | | | |
| Surf Csg: | 8-5/8 | @ | 323' | • | Csg: _ | | @_ | 5941' | Csg PBTD: | | <u>"WL</u> |
| Tbg: | Size: _ | | Wt: | Grd: _ | | Pkr/E | OT @: | | BP/Sand PBTD: | | |
| | | | | PERFO | RATIC | N RECOR | D | | | | |
| Zone | | | <u>Perfs</u> | SPF/#shots | | · | one | | Perfs | | shots |
| | | | | | | | C sds C sds | 5185- 5204- | | 4/48 | |
| | | ······································ | <u></u> | | | LOD | <u> sus</u> | J204- | JZ 10 | 4/24 | |
| | | | | | | *************************************** | | | | | |
| ····· | | | | | | , <u>, , , , , , , , , , , , , , , , , , </u> | | | | | |
| | | | | CURONOL | OCICA | LODEDA | FIONE | | | | |
| Date Work | . Dorfo | rmaa | l· 1 | <u>CHRONOL(</u> 7-Jul-06 | JGICA | L UPERA | HON5 | SITP: | SICP: | • | 3 |
| | reno | mec | · <u> </u> | 7-5ul-00 | | | | SIIF. | SICF. | | |
| Day2a. | nn/iooo | "Don | n Haad" frac | Hongo DIIDIS | fran sta | 200 #1 10 | DC ede | down oppir | a w/ 70 220#'s s | £ 20// |) conc |
| | | | | flange. RU BJ & did. Open well w/ 3 | | | | | | | |
| | _ | | - | v/ ave rate of 25.1 | • | - | | _ | - | | - |
| _ | • | | | 7 bbls EWTR. Lea | - | | | • | 01 1070 1102 40 | | 1011 101 |
| | | | | | | | | | • | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | FLUID F | RECOV | ERY (BBL | <u>.S)</u> | · · · · · · · · · · · · · · · · · · · | | | |
| _ | | | recovered: | *************************************** | _ | oil rec to | | and the second s | - | | |
| Fluid lost/re Ending flui | | | | | | /recovered I recovered | - | | | | |
| IFL: | | FFL: | | | oke: | | - | Fluid Rate: | Final | oil cut: | |
| | | | STIMULAT | ION DETAIL | | | | | COSTS | | |
| Base Fluid | used: | Lig | htning 17 | Job Type: | Sand | frac | | Weatherfor | d Services | | \$995 |
| Company: | E | 3J Se | ervices | | | | | NPC | frac water | \$ | 1,166 |
| Procedure | or Equi | pmer | nt detail: | LODC sds down o | asing | | | NF | C fuel gas | | \$189 |
| | | | | | | | | BJ Services | s LODC sd | \$3 | 0,112 |
| <u>5418</u> | gals of | pad | | | | | | NPC | Supervisor | | \$75 |
| 3625 | gals w | / 1-5 | ppg of 20/4 |) sand | | | | | | , | |
| 7250 | gals w | / 5-8 | ppg of 20/40 |) sand | | | | | | | |
| 1473 | gals w | / 8 p | pg of 20/40 s | sand | | | | | | | |
| 504 | gals of | 15% | HCL acid | | | | | | | | |
| Flusi | า w/ 470 |)4 ga | als of slick w | ater | | | • | | | | |
| | | | | clude 2 bbls pump/ | line vol | ume** | | | | | |
| Max TP | | | - | 5.4 Total fluid pr | | 547 bbls | | · · · · · · · · · · · · · · · · · · · | | | |
| Avg TP: | | | *************************************** | 5.1 Total Prop p | | 70,299#'s | | | | | |
| ISIP | 2650 | ; | 5 min: | 10 min: | | FG: <u>.94</u> | | DAILY C | | \$3 | 2,537 |
| Comple | etion S | uper | visor: | Ron Shuck | | | | TOTAL WE | LL COST: | \$32 | 4,188 |



Attachment G-1 3 of 5

| AAEFFI | AWIAIT. | | mey rederai | 11-23-3-13 | | eport Date | ; | - 10-00 | | Day. ZD |
|--|---------------------|------------------------------|--------------------------------------|--------------------------|---|---|----------------------|---------------------------------------|-------------------------------|----------------|
| Ope | ration: | _(| Completion | | | | | Rig: | Rigles | <u>s</u> |
| <u></u> | | · | | | WELL S | TATUS | | | | ii. |
| Surf Csg: | 8-5/8 | @ | 323' | P | rod Csg: | 5-1/2" | @ | 5941' | Csg PB1 | D: 5886"WL |
| Tbg: | Size: | | Wt: | Gr | d: | Pkr/ | EOT @: | | BP/Sand PB7 | D: 5100' |
| | | | | PEF | RFORATIO | ON RECO | RD | | | |
| Zone | | j | Perfs | SPF/#sh | | | one | | <u>Perfs</u> | SPF/#shots |
| · | | | | | | *************************************** | C sds | 5185- | | 4/48 |
| ······································ | - | | | | *************************************** | LOD | C sds | 5204- | 5210' | 4/24 |
| | | 40.40 | 10051 | 4/0.0 | - | | | | | |
| A5 sds | | 4916-4 4965-4 | | 4/36 4/28 | | | | | | |
| A1 sds | | 4900~ | 1912 | Simulation of the second | | | | - ' | | |
| | | _ | | | OLOGICA | L OPERA | TIONS | | | |
| Date Worl | k Perfo | rmed: | <u> 17-J</u> | ul-06 | | | | SITP: | SIC | P: <u>2260</u> |
| ave rate o | f 25 bpi R. Leav | m w/ 8 re pres to be r | ppg of sand. sure on well. ecovered: | Spot 12 bb See day2b | ID RECOV | HCL acid | in flush LS) date: | | ed @ ave pres ge. ISIP was | |
| Ending flui | id to be | recove | red: 11 | 49 | Cum oi | il recovere | - | | | |
| IFL: | | FFL:_ | F | ГР: | Choke: _ | | Final | Fluid Rate: | Fin | al oil cut: |
| | | Ş | STIMULATIO | N DETAIL | | | · · · · · · | · · · · · · · · · · · · · · · · · · · | COSTS | |
| Base Fluid | used: | Ligh | tning 17 J | ob Type: | Sand | frac | · · | Weatherfor | d Services | \$2,200 |
| Company: | E | 3J Ser | vices | | | | | NPC | frac water | \$950 |
| Procedure | or Equi | pment | detail: A1 | & A5 sds d | own csg | | | NF | PC fuel gas | <u>\$154</u> |
| | | ************** | | | | | | BJ Service | es A1&5 sd | \$18,093 |
| 4410 | gals o | f pad | | | | | | NPC | Supervisor | \$75 |
| 2944 | 4 gals w | / 1-5 p | pg of 20/40 sa | and | | | | Lone Wol | f A1&5 sds | \$4,362 |
| 5872 | 2 gals w | / 5-8 p | pg of 20/40 sa | and | | | | | | |
| 1222 | 2 gals w | / 8 ppg | of 20/40 san | d | | | | | | |
| 504 | gals of | 15% H | CL acid | | | - | | | | |
| Flus | h w/ 44 | 52 gals | of slick wate | | | | - | | | |
| **Flu | sh calle | d @ bl | ender to inclu | de 2 bbls pu | mp/line vo | lume** | | | | • |
| Max TP | : 2710 | Max R | ate: 25.4 | Total flui | id pmpd: _ | 462 bbls | | | | |
| | : <u>2415</u> | _ | | | op pmpd: _ | | | | -, | <u> </u> |
| | : <u>2150</u> | | min: | 10 min: | | FG: <u>.87</u> | | DAILY C | | \$25,834 |
| Comple | etion S | upervi | sor: Ro | n Shuck | | | | TOTAL WE | LL COST: | \$350,022 |



Report Date:

7-18-06

Ashley Federal 11-23-9-15

WELL NAME:

Attachment G-1 4 of 5

Day: _2c

| Оре | eration: | Completion | | . | | | Rig: | Rigle | ss | - |
|------------------|---------------------------------------|---------------------------------|--|---------------|----------------|--------------|--------------|--|---|--------------|
| | | | V | VELL S | TATUS | | | ······································ | | , |
| Surf Csg: | 8-5/8' (| 323 ' | Proc | d Csg: | 5-1/2" | @ | 5941' | Csg PB | TD: 5886 | 3"WL |
| Tbg: | Size: | Wt: | Grd: | | Pkr/E | OT @: | | BP/Sand PB | | 70' |
| | | | DEDE | ODATIC | N DECOR | n | | P | lug 5100' | , |
| 7000 | | Dorfo | SPF/#shots | | ON RECOR | חe ח | | <u>Perfs</u> | SPF/# | tchate |
| <u>Zone</u> | | <u>Perfs</u> | SFF/#SIIOIS | Ĺ | LODO | | 5185 | 5197' | 4/48 | SHOU |
| | | | | | LODO | | | 5210' | 4/24 | |
| | | | | - - | | | ···· | | | |
| B.5 sds | | 73-4782' 16-4925' | 4/36 4/36 | - | | | | | | |
| A5 sds A1 sds | | 65-4972' | 4/38 | - . | | | , | | | |
| A1 303 | | | | - | I ODEDAT | IONE | | | | |
| Data Man | l Dorform | adı 17 l | | <u>.UGICA</u> | L OPERAT | IONS | SITP: | e l | CP: 16 | 663 |
| Date wor | k Perform | ieu: 17-5 | ul-06 | | | | SHP. | 311 | CF | 103 |
| | | oot 12 bbls of 159 ee day2d. | 6 HCL acid in | flush for | r next stage | . ISIP | was 2175 | osi. 1554 bbl | s EWTR. | Leav |
| | · · · · · · · · · · · · · · · · · · · | | EL UID | RECOV | /ERY (BBL | SI | | <u> </u> | | |
| Starting flo | uid load to | be recovered: | 1149 | | g oil rec to c | - | | | | |
| Fluid lost/ | recovered | | 05 | Oil lost | recovered t | today: | | | | |
| _ | id to be re | | 554 | | il recovered: | | First Date. | | | _ |
| IFL: | F1 | FL: F | TP: | -noke: | | - Finai | Fluid Rate: | | nal oil cut: | |
| | | STIMULATIO | | | _ | | | COSTS | | |
| | | | lob Type: | Sand | frac | | | rd Services | | 2,200 |
| Company: | <u></u> | Services | | | | • | | frac water | | \$605 |
| | | | 5 sds down cs | 9 | | | | PC fuel gas | | \$98 |
| · | 4 gals to lo | | · | | | | | ces B.5 sds | <u> </u> | 4,410 |
| | 8 gals of p | | | | | | | Supervisor | | \$75 |
| | | I-4 ppg of 20/40 s | | | | | Lone V | Volf B.5 sds | | 4,362 |
| <u>489</u> | 0 gals w/ 4 | 1-6.5 ppg of 20/40 | sand | | | | | | | |
| 449 | gals w/ 6. | 5 ppg of 20/40 sa | nd | | | | | | *************************************** | |
| 504 | gals of 15 | % HCL acid | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | · | | | |
| Flus | sh w/ 4284 | gals of slick wate | r | | | - , , | | | | |
| **Flu | ush called | @ blender to inclu | ide 2 bbls pump | line vo | lume** | | | | | |
| Max TF | P: <u>2486</u> M | lax Rate: 25.3 | - | | 405 bbls | | | | | |
| _ | P: <u>2238</u> A | vg Rate: <u>25.1</u> | | pmpd: _ | | . | | | <u> </u> | |
| | P: <u>2175</u> | 5 min: | 10 min: | - | FG: <u>.89</u> | - | DAILY C | | | 21,750 |
| Compl | letion Sur | pervisor: Ro | on Shuck | | | | TOTAL W | ELL COST: | \$37 | 1.772 |



Attachment G-1 5 of 5

| WELL | NAME: | Asniey F | ederai | 11-23-9-15 I | kepoπ ματe: | | -18-06 | | | Day: <u>2a</u> |
|--|----------|--------------------------|---|-----------------------|----------------|-----------------|--------------------|--|-----------|---|
| Оре | ration | Comp | letion | | | | Rig: | Rigle | ess | |
| | | | · · · · · · · · · · · · · · · · · · · | WELL | STATUS | | | | · · · · · | |
| Surf Csg: | 8-5/8 | ' @ 323 | 3' | Prod Csg: | | @ | 5941' | Csg P | BTD: | 5886"WL |
| Tbg: | Size: | | Wt: | Grd: | | от <u>@</u> : ¯ | | BP/Sand P | | 4700' |
| - | | * | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | - | | ! | Plug | 5100' 4870' |
| | | | | | ION RECOR | | | | | |
| Zone | | Perfs | | SPF/#shots | | one | | Perfs | | SPF/#shots |
| D1 sds | _ | 4586-4594' 4624-4630' | | 4/32 4/24 | | C sds | 5185- 5204- | | | 4/48 4/24 |
| D2 sds D3 sds | - | 4648-4652' | | 4/16 | LODE | <u> Sus</u> | 5204- | 32 10 | | 4/24 |
| B.5 sds | | 4773-4782' | | 4/36 | | | | | | <u> </u> |
| A5 sds | | 4916-4925' | | 4/36 | | | | | | Maranda is das al marida antica a fire a |
| A1 sds | | 4965-4972' | , | 4/28 | | | | | | |
| | | | | CHRONOLOGIC | AL OPERAT | TIONS | | | | |
| Date Wor | k Parfe | rmed: | 17-Ju | | AL OI LIVE | 110110 | SITP: | S | ICP: | 1663 |
| Day2d. | K I CIIC | illied. | 17-00 | 11-00 | | | 0,,, | | | 1000 |
| | BIH. | w/ frac nlug & | 4' 6' ner | f guns. Set plug @ | 4700' Perfo | rate D3 | @ 4648 <u>-</u> 52 | ' D2 sds @ | 4624 | L-30' D1 sds |
| | | | | | | | | | | |
| | | | | ts. Wait on sand tru | | | | | | |
| | | | | 4547' (105' of sand | | | | | | |
| #4 w/ 94,7 | ′17#'s (| of 20/40 sand | in 678 b | bls of Lightning 17 t | rac fluid. Op | en well | w/ 0 psi on | casing. Per | rfs br | oke down @ |
| 1920 psi. | back to | 1787 psi. T | reated @ | ave pressure of 19 | 85 w/ ave ra | te of 24 | 1.9 bpm w/ 8 | ppg of san | d. IS | IP was 2178 |
| | | | | Flow well back. W | | | | | | |
| Po | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | FLUID RECO | WEDY (DDI | 6) | | · · · · · · · · · · · · · · · · · · · | | |
| Starting flu | iid load | l to be recove | red: | | ng oil rec to | • | | | | |
| Fluid lost/ | | | 30 | | st/recovered | _ | | | | |
| Ending flu | id to be | recovered: | 193 | 32 Cum | oil recovered | : [| | | | |
| IFL: | | FFL: | FT | P: Choke: | | Final | Fluid Rate: | <u> </u> | Final o | oil cut: |
| | | STIMU | JLATION | DETAIL | | | | COSTS | <u> </u> | |
| Base Fluid | used: | Lightning | <u>17 </u> | ob Type: San | d frac | | | d Services | | \$2,200 |
| Company: | | BJ Services | | | | | NPC | frac water | | \$1,598 |
| Procedure | or Equ | ipment detail | : D3 | , D2, D1 sds down o | sg | _ | . NE | PC fuel gas | | \$259 |
| | | | | | | | BJ Serv | rices D sds | | \$25,947 |
| 718 | 2 gals | of pad | | | | | NPC | Supervisor | | \$75 |
| | | w/ 1-5 ppg of | 20/40 sa | ınd | | · · · - | Lone | Wolf D sds | | \$4,362 |
| The state of the s | | w/ 5-8 ppg of | | | | | NPC v | wtr transfer | | \$500 |
| *************************************** | | w/ 8 ppg of 20 | | | | | | | | |
| | | 194 gals of sli | | | | | | | | |
| | | · g · · · | | | | | | | | <u></u> |
| · | | | | | | | | ······································ | | |
| Max TF | 2190 | Max Rate: | 25.2 | Total fluid pmpd: | 678 bbls | | | | | |
| Avg TF | : 1985 | Avg Rate: | 24.9 | Total Prop pmpd: | 94,717#'s | | | | | |
| ISIF | : 2175 | 5 min: | | 10 min: | FG: <u>.90</u> | | DAILY C | OST: | | \$34,941 |
| Compl | etion 9 | Supervisor: | Ro | n Shuck | | | TOTAL WE | IL COST: | | \$406,713 |

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

| 1. | | Set CIBP @ 4491'. |
|----|---------|---|
| 2. | Plug #1 | Set 100' plug on top of CIBP using 12 sx Class G cement. |
| 3. | Plug #2 | Set 200' plug from 2000'-2200' with 25 sx Class "G" cement. |
| 4. | Plug #3 | Pump 43 sx Class G cement down 5-1/2" casing to 373'. |

The approximate cost to plug and abandon this well is \$35,401.

Attachment H-1

Ashley Federal 11-23-9-15

Spud Date:06/08/2006 Put on Production: 07/20/2006 GL: 6349' KB: 6361'

Ashley Federal 11-23-9-15

1981' FSL & 1911' FWL

NE/SW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32829; Lease #UTU-66185

Proposed P & A Wellbore Diagram Initial Production: BOPD, MCFD, BWPD

SURFACE CASING Cement Top @ 70° Pump 43 sx Class G Cement down 5 -1/2" casing to 373' CSG SIZE: 8-5/8" GRADE: J-55 Casing Shoe @ 323' WEIGHT: 24# LENGTH: 8 jts. (311.63') DEPTH LANDED: 323,48' KB HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf. PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 136 jts. (5927.83') DEPTH LANDED: 5941.08' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 200' Balanced Plug (25 sx) Class G Cement over water CEMENT TOP AT: 70' 100' (12 sx) Class G Cement plug on top of CIBP CIBP @ 4491' 4586-4594' 4624-4630' 4648-4652 4773-4782 4916-4925' 4965-4972' 5185-5197' 5204-5210' NEWFIELD

PBTD @ 5919'

TD @ 5950'

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

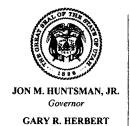
| FORM A | PPROVED |
|-----------------|-------------|
| OMB No. | 1004-0135 |
| Expires Jan | uary 31,200 |
| | |

| _ | | | |
|----|-------|--------|-----|
| 5. | Lease | Serial | No. |

| • | 1,04 | o Dona i v | ٠. |
|---|------|------------|----|
| τ | JSA | UTU-6618 | 35 |

| Do not use t abandoned w | his form for proposals to ell. Use Form 3160-3 (Al | o drill or to re-enter PD) for such propos | an sals. | 6. If Indian, Allot | ttee or Tribe Name. |
|--|---|---|-------------------------|----------------------------|---|
| | RIPLICATE - Other Ins | | | 7. If Unit or CA/ | Agreement, Name and/or |
| | Professional Control of the Control | | 200 | ASHLEY PA | |
| 1. Type of Well | <u> </u> | | | | |
| Oil Well Gas Well | Other | | | 8. Well Name and | a No. DERAL 11-23-9-15 |
| 2. Name of Operator NEWFIELD PRODUCTION CO | OMPANY | | | 9. API Well No. | DERGER TO SEC |
| 3a. Address Route 3 Box 3630 | | 3b. Phone (include | are code) | 4301332829 | |
| Myton, UT 84052 | | 435.646.3721 | | | ol, or Exploratory Area |
| 4. Location of Well (Footage, 1981 FSL 1911 FWL | Sec., T., R., M., or Survey Descr | ption) | | MONUMENT 11. County or Par | |
| NESW Section 23 T9S R15E | | | | DUCHESNE, | UT |
| 12. CHECI | K APPROPRIATE BOX(I | ES) TO INIDICATE | NATURE OF N | | |
| TYPE OF SUBMISSION | | Т | YPE OF ACTION | | |
| Notice of Intent Subsequent Report | Acidize Alter Casing Casing Repair Change Plans | Deepen Fracture Treat New Construction Plug & Abandon | Reclamati | ete rily Abandon | ☐ Water Shut-Off ☐ Well Integrity ☐ Other |
| Final Abandonment | Convert to | Plug Back | ☐ Water Di | sposal | |
| inspection.) Newfield Production pro | poses to convert the above | e mentioned well fron | n a producing oil | well to an inject | tion well. |
| | | | | | |
| | | | | | |
| | | • | | | |
| | | | | | • |
| | | | | | |
| | | | | | |
| I hereby certify that the foregoing correct (Printed/ Typed) David Gerbig Signature | 1 Gerls | Title Operation Date OR FEDERAL OR | -10-0 |) Z CE USE | |
| | | | ••• | | ato |
| Approved by | graf Arrange Gradult of British | | itle | | ate |
| Conditions of approval, if any, are atta certify that the applicant holds legal or which would entitle the applicant to co | equitable title to those rights in the sunduct operations thereon. | ibject lease O | ffice | | |
| | 43 U.S.C. Section 1212, make it a cr | me for any person knowingly | and willfully to make t | o any department or a | agency of the United |

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction



Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 28, 2007

Newfield Production Company 1401 17th Street, Suite 1000 Denver, Colorado 80202

Re: Ashley Unit Well: Ashley Federal 11-23-9-15, Section 23, Township 9 South, Range 15 East,

Duchesne County, Utah

Mr. Dave Gerbig,

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company. However, the Division approved maximum injection pressure is 2,000 psig.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.

The Division will issue an Underground Injection Control Permit after the above stipulations have been meet. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt

Associate Director

Sy That

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Newfield Production Company, Myton
Duchesne County
Well File



DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

| Applicant: <u>N</u> | lewfield Production Co | mpany Well: | Ashley Federal 11-23-9-15 | |
|---------------------|------------------------|-------------|---------------------------|--|
| Location: | 23/9S/15E | API: | 43-013-32829 | |

Ownership Issues: The proposed well is located on Federal land. The well is located in the Ashley Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Ashley Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,941 feet. A cement bond log demonstrates adequate bond in this well up to 3,312 feet. A 2 7/8 inch tubing with a packer will be set at 4,451 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells and 4 injection wells in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at an approximate depth of 2,350 feet. Injection shall be limited to the interval between 3,884 feet and 5,878 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 11-23-9-15 well is .87 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,118 psig. The requested maximum pressure is 2,118 psig. The approved maximum injection pressure is 2,000 psig. The anticipated average injection pressure is 1,100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Ashley Federal 11-23-9-15 page 2

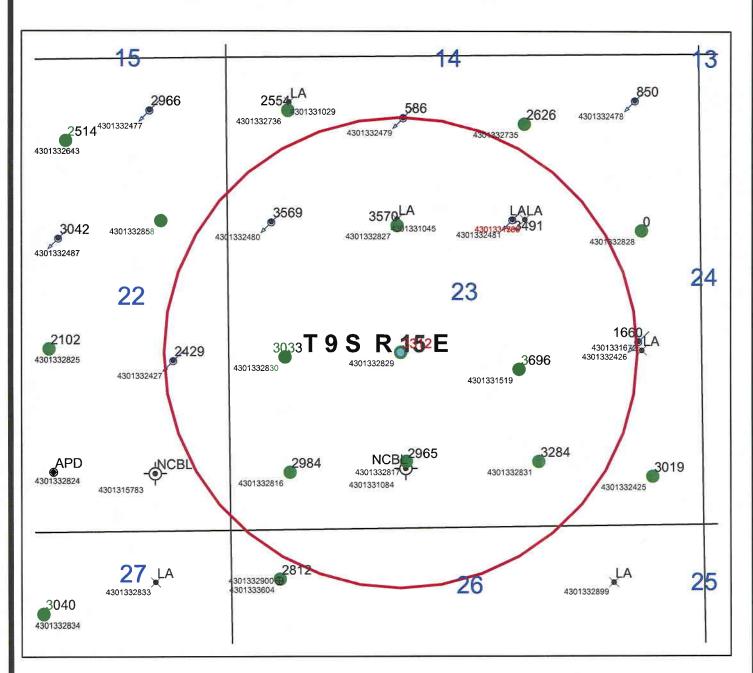
Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM.

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

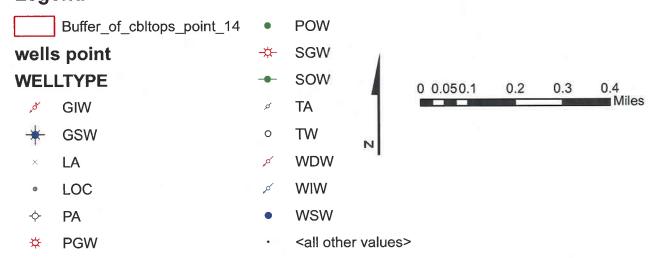
Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

| Reviewer(s): | Clinton Dworshak | Date | 10/23/2007 |
|--------------|------------------|------|------------|
| | | | |



Ashley Federal 11-23-9-15

Legend



BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 3-15-9-15, ASHLEY FEDERAL 13-22-9-15, ASHLEY FEDERAL 11-22-9-15, ASHLEY FEDERAL 11-23-9-15, ASHLEY FEDERAL 15-23-9-15, AND ASHLEY FEDERAL 9-24-9-15 WELLS LOCATED IN SECTIONS 15, 22, 23 AND 24 TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

NOTICE OF AGENCY

ACTION

CAUSE NO. UIC 340

---ooOoo----

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the Ashley Federal 3-15-9-15 well located in NE/4 NW/4 Section 15, Ashley Federal 13-22-9-15 well located in SW/4 SW/4 Section 22, Ashley Federal 11-22-9-15 well located in NE/4 SW/4 Section 23, Ashley Federal 13-23-9-15 well located in NE/4 SW/4 Section 23, Ashley Federal 15-23-9-15 well located in NE/4 SW/4 Section 23, Ashley Federal 15-23-9-15 well located in SW/4 SE/4 Section 23, and Ashley Federal 9-24-9-15 well located in NE/4 SE/4 Section 24, Township 9 South, Range 15 East, Duchesne County, Utah, for conversion to Class II injection wells. These wells are located in the Ashley Unit. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of October, 2007.

STATE OF UTAH DIVISION OF OIL, GAS & MINING

Gil Hunt

Associate Director

Thursday, October 25, 2007

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC 340

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 3-15-9-15, ASHLEY FEDERAL 1-22-9-15, ASHLEY FEDERAL 1-22-9-15, ASHLEY FEDERAL 1-22-9-15, ASHLEY FEDERAL 1-23-9-15, AND ASHLEY FEDERAL 9-24-9-15 WELLS LOCATED IN SECTIONS 15-22, 23 AND 24 TOWNSHIP 9 SOUTH, RANGE 15-26-3T, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gassand Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application. of Newfield Production Company for administrative approval of the Ashley Federal 3-15-9-15 well located in NE/4 NW/4 Section 15, Ashley Federal 18-22-9-15 well located in SW/4 Section 22, Ashley Federal 11-22-9-15 well located in NE/4 SW/4 Section 22, Ashley Federal 11-23-9-13 well-located in NE/4 SW/4 Section 23, Ashley Federal 11-23-9-15 well-located in SW/4 SW/4 Section 23, Ashley Federal 15-23-9-15 well-located in SW/4 SECTION 23, Ashley Federal 15-23-9-15 well-located in SW/4 Section 23, Ashley Federal 15-23-9-15 well-located in SW/4 Section 23, Ashley Federal 15-24-9-15 well-located in SW/4 SECTION 23, Ashley Federal 15-24-9-15 well-located in SW/4 SECTION 23, Ashley Federal 15-24-9-15 well-located in SW/4 SECTION 23, Ashley Federal 15-24-9-16 well-located in SW/4 SECTION 24, Township 9 South 15 Cass II Injection wells. These wells are located in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be sheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of October, 2007.

STATE OF UTAH DIVISION OF OIL, GAS & MINING GIL Hunt Associate Director UPAXLP

168649



Duchesne County Planning, Zoning & Community Development 734 North Center Street P.O. Box 317 Duchesne, Utah 84021 (435) 738-1152 Fax (435) 738-5522

October 29, 2007

Mr. Gil Hunt, Associate Director Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

RE: Newfield Production Company Injection Wells (Cause No UIC-340)

Dear Mr. Hunt:

We are in receipt of your notice regarding Newfield Production Company's request to convert seven wells, located in Sections 15, 22, 23 and 24, Township 9 South, Range 15 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP

Community Development Administrator

pc: Mike Guinn, Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

F:\DATA\PLANNING\MIKE\OGM Correspondence\Newfield Injection Wells7.doc

RECEIVED

OCT 3 8 2007

DIV. OF OIL, GAS & MINING



February 26, 2008

Mr. Brad Hill State of Utah, DOGM 1594 West North Temple-Suite 1310 P.O. Box 145801 Salt Lake City, Utah 84114-5801

> RE: Injection Conversion/MIT Ashley Federal 11-23-9-15 Sec. 23, T9, R15 API #43-013-32829

Dear Mr. Brad Hill:

The subject well was converted to an injector. An MIT was preformed. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions contact me at 646-4843

Sincerely,

Jentri Park

Production Tech

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING USA UTU-66185 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME:

| Do not use this form for proposals to dr wells, or to drill horizont | ASHLEY PA AB | | | | |
|--|--------------------------------|------------|-------------------------|--|--|
| 1 TYPE OF WELL | 8. WELL NAME and NUMBER: | | | | |
| OIL WELL | ASHLEY FEDERAL 11-23-9-15 | | | | |
| 2. NAME OF OPERATOR: | 9. API NUMBER: | | | | |
| NEWFIELD PRODUCTION COM | IPANY | | | 4301332829 | |
| 3. ADDRESS OF OPERATOR: | TIT | ~~ 94053 | PHONE NUMBER | 10. FIELD AND POOL, OR WILDCAT: | |
| Route 3 Box 3630 Cr 4. LOCATION OF WELL: | ry Myton STATE UT | ZIP 84052 | 435.646.3721 | MONUMENT BUTTE | |
| FOOTAGES AT SURFACE: 1981 FSL | 911 FWL | | | COUNTY: DUCHESNE | |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. | MERIDIAN: NESW, 23, T9S, R15E | | | STATE: UT | |
| CHECK APPROI | PRIATE BOXES TO INDICATE | E NATURE (| OF NOTICE, REPO | ORT, OR OTHER DATA | |
| TYPE OF SUBMISSION | | TY | PE OF ACTION | | |
| | ACIDIZE | DEEPEN | | REPERFORATE CURRENT FORMATION | |
| NOTICE OF INTENT (Submit in Duplicate) | ALTER CASING | FRACTURE 1 | TREAT | SIDETRACK TO REPAIR WELL | |
| (Suomit in Duplicate) | | | | <u></u> | |
| Approximate date work will | CASING REPAIR | MEW CONST | | TEMPORARITLY ABANDON | |
| | CHANGE TO PREVIOUS PLANS | OPERATOR O | CHANGE | TUBING REPAIR | |
| | CHANGE TUBING | PLUG AND A | ABANDON | VENT OR FLAIR | |
| ☑ SUBSEQUENT REPORT | CHANGE WELL NAME | PLUG BACK | | WATER DISPOSAL | |
| (Submit Original Form Only) | X CHANGE WELL STATUS | PRODUCTIO | N (START/STOP) | WATER SHUT-OFF | |
| Date of Work Completion: | COMMINGLE PRODUCING FORMATIONS | RECLAMATI | ION OF WELL SITE | OTHER: - | |
| 02/26/2008 | X CONVERT WELL TYPE | | E - DIFFERENT FORMATION | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This well was converted from a producing oil well to an injection well on 02/07/08. On 02/06/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 02/21/08. On 02/21/08 the casing was pressured up to 1110 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 345 psig during the test. There was not a State representative available to witness the test. API# 43-013-32829 | | | | | |
| · · · · · · · · · · · · · · · · · · · | | | | | |
| NAME (PLEASE PRINT) Jentri Park | <u> </u> | | TITLE Production Clerk | Market Control of the | |
| SIGNATURE JUM | M | 1 | DATE 02/26/2008 | | |
| | | | | | |

RECEIVED FEB 2 9 2008

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

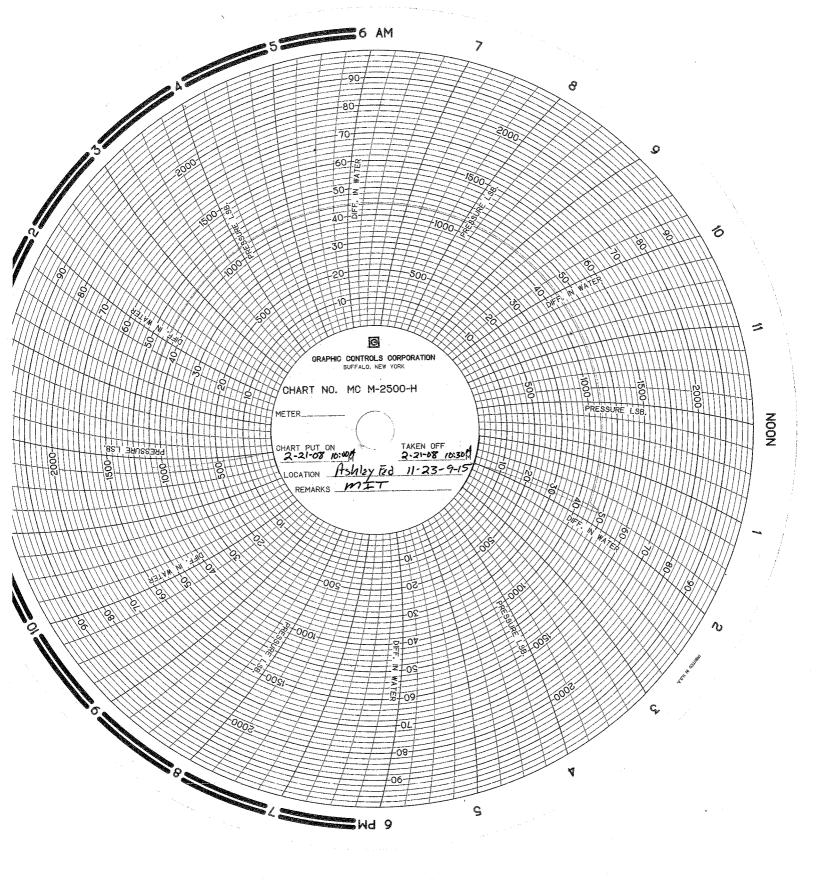
Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

| 435-646 | 3-3721 |
|--|--------------------------------------|
| Witness: www. | Date 2 2 08 Time 10:00 (am) pn |
| Test Conducted by: | <u> </u> |
| Others Present: | |
| | |
| Well: Ashley Federal 11-23-9-15 | Field: Mon Butte / Ashley Unit |
| Well Location: 12/5w 5zc.23, T95, RISE | API No: 43-013-32729 |

| <u>Time</u> | Casing Pressure | |
|-----------------|-----------------|------|
| 0 min | | psig |
| · 5 | 1110 | psig |
| 10 | 1.110 | psig |
| 15 | 1110 | psig |
| 20 | 1110 | psig |
| 25 | 1110 | psig |
| 30 min | 1110 | psig |
| 35 | | psig |
| 40 | | psig |
| 45 | | psig |
| 50 | | psig |
| 55 | | psig |
| 60 min | | psig |
| | | |
| ubing pressure: | 345 | psig |
| Result: | Pass | ail |

Signature of Witness:

Signature of Person Conducting Test:/



STATE OF UTAH

| | 5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-66185 | | | | | |
|--|---|---------------------|----------------------------|---|--|--|
| SUNDRY | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | | | |
| Do not use this form for proposals to dr | 7. UNIT or CA AGREEMENT NAME: ASHLEY PA AB | | | | | |
| 1 TYPE OF WELL: | tal laterals. Use APPLICATION FOR PERMIT TO | DRILL form for s | ich proposals. | 8. WELL NAME and NUMBER; | | |
| OIL WELL | GAS WELL OTHER | | | ASHLEY FEDERAL 11-23-9-15 | | |
| 2. NAME OF OPERATOR: | | | | 9. API NUMBER: | | |
| NEWFIELD PRODUCTION COM 3. ADDRESS OF OPERATOR: | <u>IPANY</u> | | · | 4301332829 | | |
| | TY Myton STATE UT | arb 94052 | PHONE NUMBER | 10. FIELD AND POOL, OR WILDCAT: | | |
| 4. LOCATION OF WELL: | TY Myton STATE UT | ZIP 84052 | 435.646.3721 | MONUMENT BUTTE | | |
| FOOTAGES AT SURFACE: 1981 FSL | 1911 FWL | | | COUNTY: DUCHESNE | | |
| OTR/OTR. SECTION. TOWNSHIP, RANGE. | MERIDIAN: NESW, 23, T9S, R15E | | | STATE: UT | | |
| 11. CHECK APPROI | PRIATE BOXES TO INDICATI | E NATURE | OF NOTICE, REP | ORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | | TY | TE OF ACTION | | | |
| NOTICE OF BUTTOUT | ACIDIZE | DEEPEN | | REPERFORATE CURRENT FORMATION | | |
| NOTICE OF INTENT (Submit in Duplicate) | ALTER CASING | FRACTURE | TREAT | SIDETRACK TO REPAIR WELL | | |
| Approximate date work will | CASING REPAIR | NEW CONST | RUCTION | TEMPORARITLY ABANDON | | |
| | CHANGE TO PREVIOUS PLANS | OPERATOR | CHANGE | TUBING REPAIR | | |
| | CHANGE TUBING | PLUG AND | | VENT OR FLAIR | | |
| X SUBSPOUENT REPORT | CHANGE WELL NAME | _ | ela. | = | | |
| SUBSEOUENT REPORT (Submit Original Form Only) | 15 | PLUG BACK | | WATER DISPOSAL | | |
| Date of Work Completion: | CHANGE WELL STATUS | _ | N (START/STOP) | WATER SHUT-OFF | | |
| 64/09/2009 | COMMINGLE PRODUCING FORMATIONS | = | ION OF WELL SITE | OTHER: - Change status, put well on injection | | |
| 04/08/2008 | X CONVERT WELL TYPE | RECOMPLE | TE - DIFFERENT FORMATION | | | |
| 12. DESCRIBE PROPOSED OR CO | MPLETED OPERATIONS. Clearly show a | Il pertinent detail | s including dates, depths, | volumes, etc. | | |
| The above reference well v | vas put on injection at 12:15 AM on | 4-8-08. | | | | |
| | | | | | | |
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| | | | | | | |
| NAME (PLEASE PRINT) Kathy Chapman | | · | ntle Office Manager | | | |
| NAME (PLEASE PRINT) Kathy Chapillan | | | HILE Office Manager | | | |
| SIGNATURE Kathe | f Shapma- | | DATE 04/11/2008 | | | |

(This space for State use only)

RECEIVED
APR 1 4 2008

1170

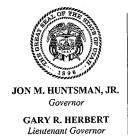
INSPECTION FORM 6

STATE OF UTAH DIVISION OF OIL GAS AND MINING

IN RADMS

INJECTION WELL - PRESSURE TEST

| Well Name: AF# 11-22-9-15 Qtr/Qtr: NE/SN Section: 3 | API Number: 4 | |
|---|--------------------------------|--------------------|
| Company Name: NEW FIELD | Planton Co | Range: <u>/\$k</u> |
| Lease: State Fee Inspector: | Federal <u>UTU</u> Date: 03/3/ | 73520 Indian |
| Initial Conditions: | | |
| Tubing - Rate: | Pressure: | <i>345</i> psi |
| Casing/Tubing Annulus - Pressure: | /// <i>D</i> psi | |
| Conditions During Test: | | |
| Time (Minutes) | Annulus Pressure | Tubing Pressure |
| 0 | 1110 | 348 |
| 5 | 1/10 | 345 |
| 10 | 1110 | 345 |
| 15 | 110 | 345 |
| 20 | 1110 | 346 |
| 25 | 1110 | 345 |
| 30) | 1110 | 345 |
| Results: Pass/Fail | · | |
| Conditions After Test: | | |
| Tubing Pressure: 345 | psi | |
| Casing/Tubing Annulus Pressu | ıre:psi | |
| COMMENTS: Justed offen Co. | nursion, Record | total Chart |
| 10:00m | | |
| Min Win | | |
| Operator Representative | | |



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-340

Operator:

Newfield Production Company

Well:

Ashley Federal 11-23-9-15

Location:

Section 23, Township 9 South, Range 15 East

County:

Duchesne

API No.:

43-013-32829

Well Type:

Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on November 28, 2007.
- 2. Maximum Allowable Injection Pressure: 2,000 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,884' 5,878')

Approved by

Associate Director

03-04-08 Date

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
David Gerbig Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File



Sundry Number: 34036 API Well Number: 43013328290000

| | FORM 9 | | | | | | | |
|--|---|---|--------------------------------|--|--|--|--|--|
| | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185 | | | | | | | |
| SUNDF | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | | | | | |
| Do not use this form for pro- current bottom-hole depth, FOR PERMIT TO DRILL form | 7.UNIT or CA AGREEMENT NAME: GMBU (GRRV) | | | | | | | |
| 1. TYPE OF WELL Water Injection Well | 8. WELL NAME and NUMBER: ASHLEY FED 11-23-9-15 | | | | | | | |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO | 9. API NUMBER: 43013328290000 | | | | | | | |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT | ONE NUMBER: | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE | | | | | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1981 FSL 1911 FWL | COUNTY: DUCHESNE | | | | | | | |
| QTR/QTR, SECTION, TOWNSI Qtr/Qtr: NESW Section: 2 | STATE: UTAH | | | | | | | |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | | | | | | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | | | | | | |
| | ACIDIZE | ALTER CASING | CASING REPAIR | | | | | |
| NOTICE OF INTENT Approximate date work will start: | CHANGE TO PREVIOUS PLANS | CHANGE TUBING | CHANGE WELL NAME | | | | | |
| | CHANGE WELL STATUS | COMMINGLE PRODUCING FORMATIONS | CONVERT WELL TYPE | | | | | |
| SUBSEQUENT REPORT Date of Work Completion: | DEEPEN | FRACTURE TREAT | NEW CONSTRUCTION | | | | | |
| 1/22/2013 | OPERATOR CHANGE | PLUG AND ABANDON | PLUG BACK | | | | | |
| SPUD REPORT | PRODUCTION START OR RESUME | RECLAMATION OF WELL SITE | RECOMPLETE DIFFERENT FORMATION | | | | | |
| Date of Spud: | | SIDETRACK TO REPAIR WELL | TEMPORARY ABANDON | | | | | |
| | TUBING REPAIR | VENT OR FLARE | WATER DISPOSAL | | | | | |
| DRILLING REPORT | | | | | | | | |
| Report Date: | | SI TA STATUS EXTENSION | APD EXTENSION | | | | | |
| | ☐ WILDCAT WELL DETERMINATION ✓ | OTHER | OTHER: 5 YR MIT | | | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 01/21/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 01/22/2013 the casing was pressured up to 1140 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. There was a State representative available to witness the test - Chris Jensen. State representative available to witness the test - Chris Jensen. | | | | | | | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician | | | | | | |
| SIGNATURE N/A | | DATE 1/23/2013 | | | | | | |

Sundry Number: 34036 API Well Number: 43013328290000

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

| | 435 | 5-646-3721 | |
|-----------------------|--------------------------|--|-----------------------|
| Witness: | 'MRU | Date <u>01</u> / <u>22</u> / <u>13</u> | Time <u>9:06</u> @mpm |
| | Michael Jense | | |
| Others Present: | | | |
| | | | |
| Well: Ashby Federal | 11-23-9-15 | | nker Monument Butte |
| Well Location: Ashly | Federal 11-2 | 23-9-15 API No: 43- | -013-32829 |
| | | | |
| | | | |
| | <u>Time</u> | Casing Pressure | |
| | 0 min | 1140 | psig |
| | 5 | 11 40 | psig |
| | 10 | 1140 | psig |
| | 15 | 1140 | psig |
| | 20 | 1140 | psig |
| | 25 | 1140 | psig |
| | 30 min | (140 | psig |
| | 35 | | psig |
| | 40 | | psig |
| | 45 _ | | psig |
| | 50 | | psig |
| | 55 | | _ psig |
| | 60 min | | psig |
| Tubin | g pressure: _. | 1787 | psig |
| F | Result: | Pass | Fail |
| | | \mathcal{I} | |
| Signature of Witness: | | - Urolu | |
| - | 0 | aling Tost: M/ | 0 V/ |

Sundry Number: 34036 API Well Number: 43013328290000 MONIGHT //₆// CHART NO. MC M-2500 2AHR TAKEN OFF ## 1-22-13 ATE 1-METER CHARTPUTNO TIME 4:00 AM

DATE 1:22-13 MOON 3 7

NEWFIELD

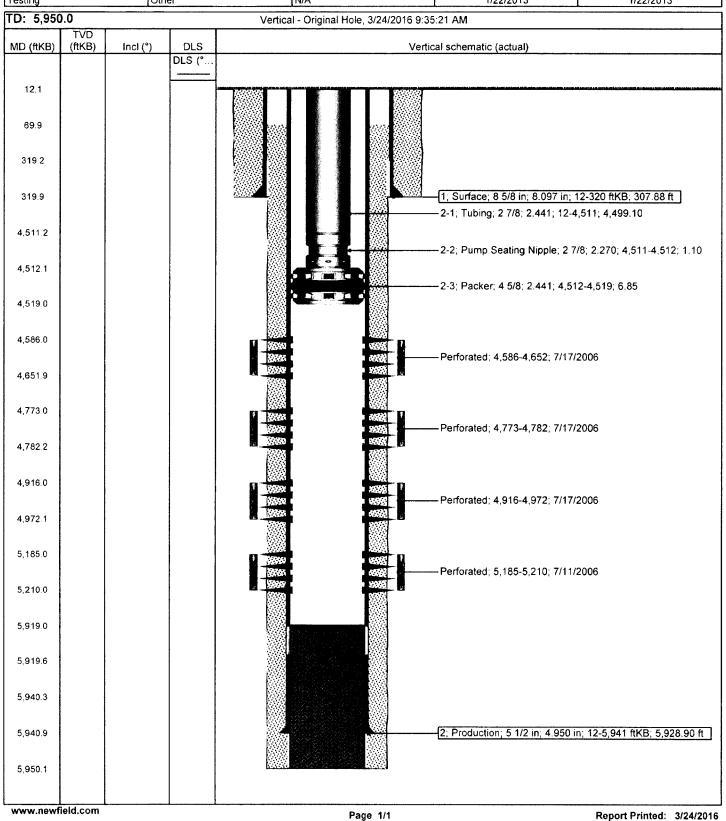
Schematic

43-013-32829

Well Name: Ashley 11-23-9-15 Field Name GMBU CTB2 Surface Legal Location State/Province 23-9S-15E 43013328290000 500159053 Utah Duchesne Original KB Elevation (ft) Total Depth All (TVD) (ftKB) Spud Date Rig Release Date On Production Date PBTD (All) (ftK8) Original Hole - 5,919.0 7/20/2006 6.361 6,349

 Most Recent Job
 Job Category
 Primary Job Type
 Secondary Job Type
 Job Start Date
 Job End Date

 Testing
 Other
 N/A
 1/22/2013
 1/22/2013





Newfield Wellbore Diagram Data Ashley 11-23-9-15

| Surface Legal Location | | | | | | API/UWI | | Lease | | | | |
|---|-------------------------------|------------|-------------------------------|--------------|--------------------|------------------------------|-----------------------|--------------------------------|------------------------------|--|--|--|
| 23-9S-15E County | State/Province | | | | | 43013328290000 Basin | | Field Name | | | | |
| Duchesne | | | Utah | | | Basin | | GMBU CTB2 | | | | |
| Well Start Date | | | Spud Date | | | Final Rig Release Date | | On Production Date | | | | |
| 6/8/200 Original KB Elevation (ft) Gro | 06 ound Elevation (ft | , | Total Depth (f | 4L/D) | | Thirt Cook All (TVC) (4)(C) | | 7/20/2006 PBTD (All) (f(KB) | | | | |
| 6,361 | | , 3,349 | | (ND) | 5,950.0 | Total Depth All (TVD) (ftKB) | | Original Hole - 5,919.0 | | | | |
| | | | | | | | | | | | | |
| Casing Strings Csg Det | s . | | Run I | Date | OD (in) | ID (in) | Wt/Len (ib/ft) | Grade | Set Depth (ftKB) | | | |
| Surface | | | 6/8/2006 | | 8 5/8 | 8.097 | 24.00 | J-55 | 320 | | | |
| Production | | | 6/23/2006 | | 5 1/2 | 4.950 | 15.50 | J-55 | 5,941 | | | |
| | | | | | | | | | | | | |
| Cement | VD 01441200 | 16 | | | | | | | | | | |
| String: Surface, 320ft Cementing Company | ND 0/11/200 | 76 | | | | Top Depth (ftKB) | Bottom Depth (ftKB) | Full Return? | Vol Cement Ret (bbl) | | | |
| BJ Services Company | | | | | | 12.0 | | 1 | 1 | | | |
| Fluid Description | Valla Cialca | | | | | Fluid Type | Amount (sacks) | Class | Estimated Top (ftKB) | | | |
| 2% CaCL2 + 1/4#/sk C | | | .00 | | | Lead | 160 | G | 12.0 | | | |
| String: Production, 5, Cementing Company | 941IINB 6/2 | 3/20 | U 0 | | | Top Depth (ftKB) | Bottom Depth (ftKB) | Full Return? | Vol Cement Ret (bbl) | | | |
| BJ Services Company | | | | | | 70.0 | | | Tot Semont Hot (SSI) | | | |
| Fluid Description | | | | 414111 / 1 | 0 " 51 1 | Fluid Type | Amount (sacks) | Class | Estimated Top (ftKB) | | | |
| 10% gel + 3 % KCL, 3 Fluid Description | #'S /SK USE - | + 2# | sk/koiseai 4 | 1/4#'S/SF | Cello Flake | Lead Fluid Type | Amount (sacks) | Premiite II | 70.0 Estimated Top (ftKB) | | | |
| 2% Gel + 3% KCL, .5% | 6EC1,1/4# sk | C.F. | . 2% gel. 39 | % SM mix | ed | Tail | | 50/50 poz | 2,500.0 | | | |
| Tubing Strings | | | | | | <u> </u> | <u> </u> | <u> </u> | <u></u> | | | |
| Tubing Description | | | | | | Run Date | 2000 | Set Depth (ftKB) | 4.540.4 | | | |
| Tubing Item Des | 1 8 | ts | OD (in) | ID (in) | Wt (lb/ft) | Grade 2777 | 2008 Len (ft) | Top (ftKB) | 4,519.1 Btm (ftKB) | | | |
| Tubing | | 142 | 2 7/8 | 2.441 | | J-55 | 4,499.10 | 12.0 | 4,511.1 | | | |
| Pump Seating Nipple | | 1 | 2 7/8 | 2.270 | | | 1.10 | 4,511.1 | 4,512.2 | | | |
| Packer | | 1 | 4 5/8 | 2.441 | | | 6.85 | 4,512.2 | 4,519.1 | | | |
| Rod Strings | 1 | | 1 | | | | 1 | 1,012.2 | 1,010.1 | | | |
| Rod Description | | | | **** | | Run Date | | Set Depth (ftKB) | | | | |
| | | | · | | | | | | | | | |
| Item Des | JI | ts | OD | (in) | Wt (fb/ft) | Grade | Len (ft) | Top (ftKB) | Btm (ftKB) | | | |
| Perforation Intervals | | | <u></u> | | | L | | L | | | | |
| | Zone | | Top (f | fKB) | Btm (ftKB) | Shot Dens (shots/ft) | Phasing (*) | Nom Hole Día (in) | Date | | | |
| 4 D1,D2, D3, C | | | , | 4,586 | 4,652 | 4 | | <u> </u> | 7/17/2006 | | | |
| 3 B5, Original | Hole | | | 4,773 | 4,782 | 4. | | | 7/17/2006 | | | |
| 2 A1, A5, Origi | inal Hole | | 4,916 4,972 | | 4 | | | 7/17/2006 | | | | |
| 1 LODC sds, C | Original Hole | | | 5,185 | 5,210 | 4 | | • | 7/11/2006 | | | |
| Stimulations & Treatments | | | | | | | | | | | | |
| Stage# | ISIP (psi) | | Frac Gradie | ent (psi/ft) | Max Rate (bbl/min) | Max PSI (psi) | Total Clean Vol (bbl) | Total Slurry Vol (bbl) | Voi Recov (bbi) | | | |
| 1 | | 650 | i . | 0.94 | 25.4 | 2,390 | | | | | | |
| 1 | 2,650 | | 1 | 0.94 | 25.4 | 2,390 | | | | | | |
| 1 | 2,650 | | | 0.94 | 25.4 | 2,390 | | | | | | |
| 1 | 2,650 | |] | 0.94 | 25.4 | 2,390 | | | | | | |
| Proppant | | | | | | | | | | | | |
| Stage# | otal Prop Vol Pun (lb) | nped | Total Add Amount | | | | | | | | | |
| 1 | | | Proppant White Sand 254868 lb | | | | | | | | | |
| 1 | | | Proppant White Sand 254868 lb | | | | | | | | | |
| 1 | | | Proppant White Sand 254868 lb | | | | | | | | | |
|]1 | Proppant White Sand 254868 lb | | | | | | | | | | | |
| | | | | | | | | | | | | |
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